British East Africa. Meteorological Dept.

BRITISH EAST AFRICAN METEOROLOGICAL SERVICE.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS 1946-1950

IN KENYA

FOR

1946

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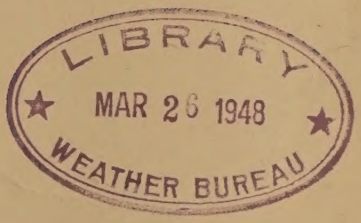


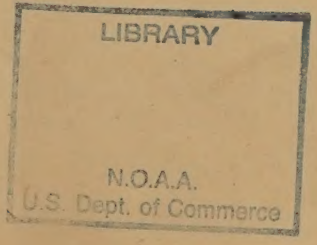


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# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ELDORET D.C. 1946.

Lat.: 0° 32'N Long.: 35° 16'E Alt.: 6863 feet Standard Time 3h 00m East Reference Number 89.35/26.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 23.482 | 23.414 | 59.3 | 78.3 | 48.0 | 44.1 | .337 | .289 | .174 | .686 | 66 | 30 | 5.1 | 7.3 | 0 | 8 | 15 | 7 | 1 | 0.8 | 0.03 | 0.03 | 12 | 1 | 1 |
| February | 23.488 | 23.423 | 60.9 | 80.8 | 44.8 | 39.0 | .298 | .239 | .242 | .821 | 55 | 23 | 6.2 | 7.7 | 0 | 0 | 17 | 10 | 1 | 0.8 | 0.03 | 0.03 | 27 | 1 | 2 |
| March | 23.491 | 23.426 | 60.3 | 79.3 | 50.9 | 45.3 | .375 | .304 | .154 | .706 | 71 | 30 | 6.2 | 7.0 | 0 | 7 | 6 | 17 | 1 | 42.7 | 1.68 | 1.14 | 8 | 6 | 2 |
| April | 23.494 | 23.441 | 60.4 | 76.0 | 54.5 | 52.2 | .428 | .393 | .101 | .511 | 81 | 43 | 8.4 | 8.4 | 0 | 0 | 4 | 22 | 4 | 208.3 | 8.20 | 2.85 | 16 | 14 | 7 |
| May | 23.527 | 23.476 | 58.2 | 72.9 | 55.0 | 53.6 | .437 | .413 | .053 | .402 | 89 | 51 | 7.7 | 7.9 | 0 | 1 | 4 | 23 | 3 | 99.3 | 3.91 | 1.10 | 31 | 13 | 9 |
| June | 23.565 | 23.512 | 56.7 | 69.4 | 54.9 | 55.6 | .434 | .446 | .030 | .280 | 94 | 61 | 8.4 | 8.8 | 0 | 0 | 2 | 18 | 6 | 168.9 | 6.65 | 1.21 | 16 | 21 | 9 |
| July | 23.532 | 23.488 | 54.7 | 68.5 | 52.5 | 54.1 | .399 | .422 | .032 | .281 | 92 | 60 | 7.8 | 8.5 | 0 | 1 | 6 | 20 | 4 | 226.3 | 8.91 | 1.66 | 22 | 17 | 13 |
| August | 23.535 | 23.485 | 55.5 | 67.2 | 53.6 | 55.8 | .413 | .449 | .033 | .224 | 93 | 67 | 8.4 | 9.0 | 0 | 0 | 4 | 15 | 12 | 308.6 | 12.15 | 1.85 | 12 | 25 | 17 |
| September | 23.521 | 23.456 | 56.9 | 71.8 | 52.7 | 54.0 | .402 | .419 | .065 | .367 | 86 | 53 | 6.9 | 8.0 | 0 | 3 | 7 | 19 | 1 | 95.5 | 3.76 | 2.27 | 4 | 10 | 7 |
| October | 23.503 | 23.432 | 59.7 | 72.0 | 53.6 | 53.8 | .413 | .416 | .104 | .375 | 80 | 53 | 7.5 | 8.3 | 0 | 1 | 6 | 21 | 3 | 93.5 | 3.68 | 1.96 | 9 | 11 | 7 |
| November | 23.494 | 23.420 | 61.7 | 75.0 | 54.0 | 50.7 | .419 | .372 | .136 | .505 | 75 | 42 | 7.9 | 8.0 | 0 | 1 | 3 | 22 | 4 | 19.0 | 0.75 | 0.27 | 30 | 6 | 0 |
| December | 23.488 | 23.420 | 60.2 | 76.5 | 52.0 | 47.3 | .390 | .328 | .136 | .590 | 74 | 36 | 6.7 | 7.3 | 0 | 4 | 8 | 18 | 1 | 4.3 | 0.17 | 0.11 | 9 | 3 | 0 |
| Year | 23.510 | 23.449 | 58.7 | 74.0 | 52.2 | 50.5 | .395 | .374 | .105 | .479 | 80 | 46 | 7.3 | 8.0 | 0 | 26 | 82 | 212 | 41 | 1268.0 | 49.92 | 2.85 | Apr. 16 | 128 | 74 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 6 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 17 | 0 | 11.6 | 12.1 | 82.4 | 10 | 41.1 | 1 | 79.4 | 47.0 | 63.2 | 38.4 | 24.0 | 32.3 | 0 | 0 | 31 |
| February | 0 | 2 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | 0 | 10.5 | 11.4 | 85.2 | 22 | 41.2 | 3 | 81.9 | 46.8 | 64.3 | 41.1 | 26.1 | 35.1 | 0 | 0 | 28 |
| March | 3 | 1 | 26 | 0 | 1 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 8.3 | 10.1 | 84.2 | 6 | 45.0 | 5 | 80.7 | 50.0 | 65.3 | 38.2 | 22.8 | 30.7 | 0 | 0 | 31 |
| April | 0 | 3 | 26 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 6.7 | 9.4 | 83.0 | 2 | 47.0 | 4 | 77.3 | 52.1 | 64.7 | 35.0 | 14.0 | 25.4 | 0 | 0 | 30 |
| May | 4 | 6 | 19 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 4.7 | 8.7 | 78.2 | 13 | 47.0 | 11, 12 | 74.8 | 51.3 | 63.1 | 31.0 | 15.0 | 23.5 | 0 | 0 | 31 |
| June | 0 | 6 | 18 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 0 | 0 | 4.3 | 8.5 | 75.0 | 20 | 46.0 | 2, 22 | 71.5 | 50.3 | 60.9 | 26.3 | 14.5 | 21.2 | 0 | 0 | 26 |
| July | 3 | 8 | 16 | 0 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 2.9 | 7.8 | 75.4 | 18 | 42.0 | 17, 19 | 71.1 | 48.6 | 59.9 | 32.4 | 9.5 | 22.5 | 0 | 0 | 31 |
| August | 7 | 6 | 13 | 0 | 1 | 0 | 1 | 0 | 3 | 28 | 0 | 0 | 3.1 | 7.4 | 74.0 | 26 | 45.0 | 2, 24 | 69.6 | 49.7 | 59.7 | 28.0 | 11.0 | 19.9 | 0 | 0 | 31 |
| September | 1 | 8 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 5.4 | 9.2 | 75.5 | 18,29 | 43.2 | 18 | 73.5 | 47.7 | 60.6 | 32.3 | 16.0 | 25.8 | 0 | 0 | 30 |
| October | 2 | 5 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 7.2 | 9.2 | 77.0 | 4,16 | 43.0 | 3, 4 | 74.5 | 48.9 | 61.7 | 34.0 | 13.1 | 25.5 | 0 | 0 | 31 |
| November | 0 | 2 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 8.1 | 14.1 | 78.8 | 23 | 41.5 | 15 | 76.2 | 49.2 | 62.7 | 33.5 | 18.8 | 26.9 | 0 | 0 | 30 |
| December | 0 | 4 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 9.2 | 13.2 | 80.0 | 19 | 41.0 | 15 | 77.7 | 47.2 | 62.5 | 38.2 | 22.5 | 30.5 | 0 | 0 | 31 |
| Year | 21 | 57 | 264 | 5 | 2 | 0 | 1 | 0 | 11 | 305 | 45 | 0 | 6.8 | 10.1 | 85.2 | 22 Feb. | 41.0 | 15 Dec. | 75.7 | 49.1 | 62.4 | 41.1 | 9.5 | 26.6 | 0 | 0 | 361 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABONDORI, EMBU 1946.

Lat.: 0° 42'S  Long.: 37° 40'E  Alt.: 3750 feet  Standard Time 3h 00m East  Reference Number 90.37/39

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall in 24hrs. | Date | Rain | Thunder. |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 72.2 | | 61.9 | | .558 | | .236 | | 70 | | | | | | | | | 0.8 | 0.03 | 0.02 | 2 | 2 | |
| February | | | 74.2 | | 64.9 | | .620 | | .230 | | 73 | | | | | | | | | 0.0 | 0.00 | 0.00 | | 0 | |
| March | | | 73.1 | | 67.3 | | .673 | | .148 | | 82 | | | | | | | | | 22.1 | 0.87 | 0.85 | 1 | 2 | |
| April | | | 69.1 | | 67.1 | | .667 | | .051 | | 93 | | | | | | | | | 118.1 | 4.65 | 1.17 | 14 | 13 | |
| May | | | 69.8 | | 68.7 | | .709 | | .026 | | 96 | | | | | | | | | 32.3 | 1.27 | 0.56 | 9 | 5 | |
| June | | | 67.3 | | 65.7 | | .638 | | .035 | | 95 | | | | | | | | | 0.0 | 0.00 | 0.00 | | 0 | |
| July | | | 64.4 | | 61.7 | | .555 | | .053 | | 91 | | | | | | | | | 0.5 | 0.02 | 0.02 | 27 | 1 | |
| August | | | 64.9 | | 62.4 | | .570 | | .050 | | 92 | | | | | | | | | 0.0 | 0.00 | 0.00 | | 0 | |
| September | | | 65.1 | | 63.5 | | .591 | | .035 | | 94 | | | | | | | | | 78.7 | 3.10 | 1.20 | 21 | 10 | |
| October | | | 67.6 | | 65.1 | | .623 | | .059 | | 91 | | | | | | | | | 184.7 | 7.27 | 1.76 | 24 | 9 | |
| November | | | 68.5 | | 66.2 | | .650 | | .053 | | 92 | | | | | | | | | 174.0 | 6.85 | 2.15 | 4 | 10 | |
| December | | | 68.7 | | 66.0 | | .647 | | .062 | | 91 | | | | | | | | | 58.4 | 2.30 | 0.90 | 9 | 8 | |
| Year | | | 68.7 | | 65.0 | | .625 | | .087 | | 88 | | | | | | | | | 669.6 | 26.36 | 2.15 | Nov. 4 | 60 | |

@ At station levels, corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 3 | 16 | 6 | 5 | 0 | 0 | 0 | 0 | 27 | 4 | 0 | 7.6 | - | 90.5 | 8 | 50.5 | 9 | 85.2 | 54.6 | 69.9 | 39.6 | 17.2 | 30.6 | - | - | - |
| February | 1 | 2 | 19 | 2 | 4 | 0 | 0 | 0 | 0 | 27 | 1 | 0 | 5.8 | - | 93.0 | 21 | 49.0 | 19 | 89.1 | 55.2 | 72.1 | 42.2 | 25.2 | 33.9 | - | - | - |
| March | 0 | 5 | 11 | 0 | 12 | 0 | 2 | 0 | 0 | 30 | 0 | 0 | 6.3 | - | 96.7 | 28 | 54.0 | 22 | 89.8 | 59.3 | 74.5 | 38.5 | 15.0 | 30.4 | - | - | - |
| April | 0 | 0 | 2 | 2 | 26 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 6.9 | - | 91.0 | 1 | 59.2 | 6 | 84.4 | 63.9 | 74.1 | 31.0 | 13.5 | 20.5 | - | - | - |
| May | 0 | 0 | 3 | 2 | 25 | 0 | 1 | 0 | 0 | 29 | 2 | 0 | 5.8 | - | 87.5 | 19 | 53.0 | 29 | 83.6 | 61.5 | 72.5 | 29.8 | 15.8 | 22.1 | - | - | - |
| June | 0 | 0 | 0 | 3 | 24 | 0 | 3 | 0 | 0 | 27 | 3 | 0 | 7.4 | - | 86.5 | 5 | 53.0 | 15,21 | 82.6 | 58.7 | 70.7 | 32.0 | 13.5 | 24.1 | - | - | - |
| July | 0 | 1 | 0 | 0 | 27 | 0 | 1 | 0 | 0 | 28 | 1 | 0 | 5.8 | - | 85.0 | 2 | 50.0 | 27 | 79.6 | 57.4 | 68.5 | 34.0 | 9.0 | 22.4 | - | - | - |
| August | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 6.0 | - | 84.5 | 26 | 51.0 | 27 | 78.3 | 60.6 | 69.5 | 29.0 | 10.5 | 17.6 | - | - | - |
| September | 0 | 0 | 0 | 1 | 29 | 0 | 0 | 0 | 0 | 25 | 5 | 0 | 7.6 | - | 86.5 | 20 | 57.5 | 11 | 80.9 | 61.1 | 71.0 | 27.5 | 11.5 | 19.8 | - | - | - |
| October | 0 | 0 | 0 | 1 | 29 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.9 | - | 89.5 | 16 | 55.0 | 31 | 83.7 | 61.5 | 72.6 | 31.5 | 9.3 | 22.2 | - | - | - |
| November | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 85.0 | 23,29 | 59.0 | 15 | 80.4 | 62.0 | 71.2 | 24.2 | 11.3 | 18.5 | - | - | - |
| December | 0 | 0 | 2 | 7 | 22 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 4.0 | - | 85.0 | often | 54.0 | often | 82.4 | 60.0 | 71.2 | 31.0 | 15.5 | 22.3 | - | - | - |
| Year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 96.7 | March 28 | 49.0 | Feb. 19 | 83.3 | 59.7 | 71.5 | 42.2 | 9.0 | 23.7 | - | - | - |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT EQUATOR METEOROLOGICAL STATION, 1946.

Lat.: 0° 00' Long.: 35° 33'E Alt.: 9062 feet Standard Time 3h 00m East Reference Number 90.35/69.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 21.707 | 21.663 | 52.7 | 65.3 | 44.8 | 44.1 | .298 | .289 | .104 | .337 | 74 | 46 | 3.7 | 6.6 | 0 | 17 | 8 | 6 | 0 | 3.3 | 0.13 | 0.09 | 11 | 2 | 2 |
| February | 21.707 | 21.660 | 55.0 | 69.0 | 43.0 | 41.0 | .278 | .257 | .159 | .461 | 63 | 36 | 3.9 | 6.0 | 1 | 16 | 6 | 5 | 0 | 5.1 | 0.20 | 0.14 | 9 | 2 | 3 |
| March | 21.707 | 21.660 | 56.0 | 68.4 | 45.9 | 43.5 | .310 | .284 | .142 | .416 | 69 | 41 | 5.0 | 6.3 | 0 | 8 | 14 | 8 | 1 | 52.3 | 2.06 | 0.79 | 8 | 6 | 2 |
| April | 21.707 | 21.669 | 53.7 | 65.9 | 49.6 | 47.1 | .357 | .325 | .059 | .316 | 86 | 51 | 7.3 | 8.1 | 0 | 1 | 7 | 22 | 0 | 209.3 | 8.24 | 1.33 | 24 | 17 | 21 |
| May | 21.734 | 21.692 | 55.1 | 63.3 | 49.8 | 48.6 | .360 | .343 | .077 | .245 | 82 | 58 | 6.0 | 7.3 | 0 | 7 | 6 | 18 | 0 | 106.7 | 4.20 | 0.63 | 3 | 16 | 20 |
| June | 21.758 | 21.722 | 52.6 | 58.8 | 48.9 | 49.6 | .348 | .357 | .051 | .145 | 87 | 71 | 6.2 | 8.1 | 0 | 6 | 8 | 15 | 1 | 194.3 | 7.65 | 0.81 | 7 | 23 | 26 |
| July | 21.731 | 21.704 | 51.8 | 57.3 | 47.1 | 48.2 | .325 | .340 | .062 | .135 | 84 | 71 | 7.1 | 8.3 | 0 | 2 | 10 | 16 | 3 | 165.6 | 6.52 | 2.00 | 24 | 18 | 15 |
| August | 21.728 | 21.695 | 50.9 | 54.6 | 46.6 | 48.2 | .319 | .340 | .056 | .091 | 85 | 79 | 7.7 | 9.0 | 0 | 2 | 4 | 16 | 9 | 257.3 | 10.13 | 1.14 | 3 | 26 | 22 |
| September | 21.719 | 21.675 | 53.5 | 60.1 | 47.1 | 47.3 | .325 | .328 | .088 | .195 | 79 | 63 | 5.5 | 7.6 | 0 | 6 | 14 | 9 | 1 | 85.3 | 3.36 | 0.59 | 5 | 19 | 21 |
| October | 21.708 | 21.651 | 52.9 | 61.5 | 47.3 | 47.1 | .328 | .323 | .077 | .229 | 82 | 59 | 6.9 | 7.2 | 0 | 7 | 2 | 16 | 6 | 81.3 | 3.20 | 0.94 | 5 | 16 | 9 |
| November | 21.696 | 21.640 | 52.4 | 62.9 | 47.8 | 45.3 | .334 | .304 | .062 | .275 | 84 | 52 | 7.4 | 7.7 | 0 | 3 | 7 | 16 | 4 | 17.8 | 0.70 | 0.17 | 7 | 15 | 2 |
| December | 21.690 | 21.648 | 53.1 | 63.9 | 46.6 | 43.0 | .319 | .278 | .086 | .321 | 79 | 46 | 4.8 | 6.3 | 0 | 17 | 2 | 10 | 2 | 8.1 | 0.32 | 0.14 | 9 | 8 | 3 |
| Year | 21.716 | 21.673 | 53.3 | 62.6 | 47.0 | 46.1 | .325 | .314 | .085 | .264 | 79 | 56 | 6.0 | 7.4 | 1 | 92 | 88 | 157 | 27 | 1186.4 | 46.71 | 2.00 | July 24 | 168 | 146 |

@ At Station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 | 18.8 | 17.0 | 71.2 | 29 | 40.8 | 25 | 67.6 | 45.2 | 56.4 | 26.9 | 18.0 | 22.4 | 0 | 0 | 31 |
| February | 0 | 26 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 25 | 0 | 19.0 | 17.9 | 74.0 | 16 | 42.4 | 20 | 70.4 | 46.4 | 58.4 | 27.6 | 11.5 | 24.0 | 0 | 0 | 28 |
| March | 0 | 30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 24 | 0 | 16.8 | 15.7 | 73.8 | 31 | 44.4 | 21 | 69.9 | 47.7 | 58.8 | 27.2 | 13.6 | 22.2 | 0 | 1 | 30 |
| April | 0 | 28 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 24 | 0 | 16.1 | 15.2 | 72.2 | 1 | 46.3 | 3 | 68.0 | 48.2 | 58.1 | 23.9 | 14.0 | 19.8 | 0 | 0 | 30 |
| May | 1 | 15 | 14 | 0 | 0 | 0 | 0 | 1 | 0 | 20 | 11 | 0 | 10.7 | 14.3 | 68.4 | 2 | 46.6 | 8 | 65.4 | 48.2 | 56.8 | 20.0 | 11.6 | 17.2 | 0 | 0 | 31 |
| June | 7 | 13 | 1 | 1 | 0 | 1 | 4 | 2 | 1 | 29 | 0 | 0 | 6.9 | 10.7 | 65.8 | 4 | 45.4 | 12 | 61.9 | 47.6 | 54.7 | 16.7 | 9.9 | 14.2 | 1 | 1 | 28 |
| July | 4 | 17 | 0 | 0 | 0 | 2 | 4 | 3 | 1 | 27 | 3 | 0 | 8.3 | 11.2 | 64.3 | 5 | 44.3 | 17 | 60.5 | 46.7 | 53.6 | 19.1 | 6.3 | 13.9 | 0 | 0 | 31 |
| August | 1 | 19 | 1 | 0 | 1 | 0 | 6 | 2 | 1 | 26 | 4 | 0 | 7.8 | 9.2 | 64.4 | 24 | 44.4 | 23 | 58.8 | 46.6 | 52.7 | 19.4 | 5.8 | 12.2 | 4 | 5 | 22 |
| September | 2 | 17 | 8 | 2 | 0 | 0 | 0 | 1 | 0 | 15 | 15 | 0 | 12.5 | 17.0 | 66.2 | 17 | 41.3 | 25 | 62.8 | 46.0 | 54.4 | 21.0 | 11.6 | 16.7 | 0 | 1 | 29 |
| October | 0 | 23 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 18 | 0 | 15.0 | 14.3 | 70.3 | 19 | 45.0 | 22 | 64.1 | 47.1 | 55.6 | 23.4 | 11.3 | 17.1 | 3 | 4 | 24 |
| November | 0 | 21 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 17.7 | 15.7 | 67.6 | 23 | 43.0 | 14 | 64.6 | 47.1 | 55.9 | 21.8 | 12.3 | 17.5 | 0 | 1 | 29 |
| December | 0 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26 | 0 | 17.2 | 15.2 | 69.3 | 19 | 42.9 | 31 | 66.3 | 46.3 | 56.3 | 24.0 | 12.7 | 20.0 | 0 | 0 | 31 |
| Year | 18 | 265 | 43 | 6 | 2 | 4 | 15 | 9 | 3 | 153 | 208 | 1 | 13.9 | 14.5 | 74.0 | Feb. 16 | 40.8 | Jan. 25 | 65.0 | 46.9 | 56.0 | 27.6 | 5.8 | 18.1 | 8 | 13 | 344 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT GARISSA D.C. 1946.

Lat.: 0° 39'S Long.: 39° 35'E Alt.: 600 feet Standard Time 3h 00m East Reference Number 90.39/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 77.2 | 91.8 | 69.8 | 68.7 | .732 | .706 | .210 | .797 | 78 | 47 | 9.1 | 6.0 | 0 | 0 | 0 | 24 | 7 | 1.0 | 0.04 | 0.04 | 27 | 1 | 0 |
| February | - | - | 77.6 | 92.7 | 68.5 | 65.7 | .703 | .638 | .251 | .907 | 74 | 41 | 9.2 | 4.9 | 0 | 0 | 0 | 14 | 14 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 79.7 | 93.6 | 70.5 | 70.3 | .753 | .747 | .269 | .842 | 74 | 47 | 8.4 | 5.6 | 0 | 1 | 0 | 23 | 7 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| April | - | - | 81.7 | 94.2 | 73.6 | 74.3 | .833 | .853 | .257 | .772 | 76 | 53 | 7.7 | 7.2 | 0 | 0 | 0 | 30 | 0 | 2.5 | 0.10 | 0.06 | 19 | 2 | 0 |
| May | - | - | 80.3 | 92.6 | 71.4 | 74.2 | .777 | .741 | .265 | .804 | 75 | 48 | 6.3 | 6.3 | 0 | 3 | 7 | 20 | 1 | 2.5 | 0.10 | 0.10 | 3 | 1 | 0 |
| June | - | - | 78.4 | 89.9 | 68.9 | 65.5 | .712 | .635 | .268 | .785 | 73 | 45 | 6.8 | 6.9 | 0 | 0 | 4 | 26 | 0 | 4.6 | 0.18 | 0.18 | 27 | 1 | 1 |
| July | - | - | 75.7 | 87.9 | 66.6 | 63.1 | .656 | .582 | .242 | .753 | 73 | 44 | 7.3 | 6.8 | 0 | 2 | 3 | 24 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | - | - | 75.9 | 87.0 | 66.4 | 66.9 | .653 | .664 | .251 | .632 | 72 | 51 | 8.5 | 7.5 | 0 | 0 | 0 | 24 | 7 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | - | - | 76.4 | 87.7 | 67.8 | 64.8 | .688 | .617 | .230 | .703 | 75 | 47 | 8.6 | 7.8 | 0 | 0 | 0 | 27 | 3 | 7.1 | 0.28 | 0.18 | 22 | 2 | 0 |
| October | - | - | 77.9 | 90.9 | 69.4 | 65.1 | .726 | .623 | .237 | .839 | 75 | 43 | 7.9 | 6.4 | 0 | 0 | 2 | 28 | 1 | 50.0 | 1.97 | 1.20 | 31 | 3 | 0 |
| November | - | - | 79.1 | 91.4 | 72.7 | 73.2 | .809 | .824 | .195 | .661 | 81 | 55 | 8.4 | 6.9 | 0 | 0 | 0 | 26 | 4 | 1.3 | 0.05 | 0.05 | 22 | 1 | 0 |
| December | - | - | 79.1 | 92.0 | 72.0 | 70.3 | .788 | .750 | .216 | .762 | 79 | 50 | 9.0 | 7.2 | 0 | 0 | 1 | 19 | 11 | 2.5 | 0.10 | 0.10 | 22 | 1 | 0 |
| Year | - | - | 78.3 | 91.0 | 69.8 | 68.2 | .736 | .698 | .241 | .771 | 75 | 48 | 8.1 | 6.6 | 0 | 6 | 17 | 285 | 57 | 71.5 | 2.82 | 1.20 | Oct. 31 | 12 | 1 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 0 | 0 | 2.0 | 2.2 | 97.0 | 29,30 | 69.4 | 15 | 94.9 | 71.9 | 83.4 | 26.6 | 19.0 | 23.0 | 0 | 0 | 31 |
| February | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 0 | 0 | 2.0 | 2.0 | 101.0 | 24 | 70.0 | 6 | 96.5 | 72.5 | 84.5 | 29.8 | 17.0 | 24.1 | 0 | 0 | 28 |
| March | 0 | 0 | 0 | 5 | 21 | 5 | 0 | 0 | 0 | 31 | 0 | 0 | 2.0 | 2.2 | 102.4 | 22 | 72.0 | 3,10,11 | 98.5 | 74.5 | 86.5 | 29.0 | 18.0 | 24.0 | 0 | 0 | 31 |
| April | 0 | 0 | 0 | 6 | 24 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 5.6 | 5.6 | 100.4 | 3 | 74.0 | 14 | 97.9 | 76.6 | 87.3 | 24.4 | 18.0 | 21.3 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 0 | 0 | 31 | 0 | 0 | 6.5 | 7.6 | 99.0 | 1 | 71.0 | 31 | 95.3 | 74.6 | 84.9 | 24.0 | 10.4 | 20.7 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 0 | 0 | 30 | 0 | 0 | 7.6 | 9.6 | 95.4 | 7 | 66.0 | 28 | 92.7 | 72.2 | 82.5 | 24.0 | 17.2 | 20.5 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 | 0 | 31 | 0 | 0 | 7.2 | 10.7 | 94.0 | 4 | 67.0 | 1 | 90.6 | 70.6 | 80.6 | 24.0 | 12.4 | 20.0 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 7.4 | 11.4 | 92.0 | 6,7,21 | 63.6 | 17 | 90.0 | 70.5 | 80.3 | 25.4 | 15.4 | 19.5 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 7.6 | 11.4 | 96.0 | 6 | 69.0 | 23 | 91.2 | 71.4 | 81.3 | 25.0 | 12.0 | 19.8 | 0 | 1 | 29 |
| October | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.0 | 8.1 | 97.4 | 24 | 70.4 | 2 | 93.7 | 74.0 | 83.8 | 23.0 | 10.4 | 19.7 | 0 | 0 | 31 |
| November | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 5.8 | 5.4 | 96.0 | often | 73.0 | 4,20,28 | 94.1 | 76.6 | 85.3 | 23.0 | 11.0 | 17.5 | 0 | 0 | 30 |
| December | 0 | 0 | 1 | 2 | 28 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.6 | 5.4 | 98.4 | 11 | 71.0 | 14 | 95.0 | 76.2 | 85.6 | 24.2 | 14.0 | 18.8 | 0 | 0 | 31 |
| Year | 0 | 0 | 1 | 13 | 282 | 69 | 0 | 0 | 0 | 361 | 4 | 0 | 5.4 | 6.8 | 102.4 | March 22 | 63.6 | Aug. 17 | 94.2 | 73.5 | 83.8 | 29.8 | 10.4 | 20.7 | 0 | 1 | 364 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ISIOLO, 1946.

Lat.: 0° 21'N  Long.: 37° 35'E  Alt.: 3621 feet  Standard Time 3h 00m East  Reference Number 89.37/03

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall | | Rain | Thunder |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | – | – | 73.5 | 83.0 | 58.8 | 57.0 | .499 | .470 | .337 | .667 | 60 | 41 | 2.5 | 5.2 | 7 | 15 | 5 | 4 | 0 | 16.8 | 0.66 | 0.33 | 27 | 3 | 0 |
| February | – | – | 77.3 | 88.7 | 61.0 | 56.8 | .540 | .467 | .408 | .897 | 57 | 34 | 1.8 | 4.0 | 10 | 11 | 7 | 0 | 0 | 0.0 | 0.00 | 0.00 | – | 0 | 0 |
| March | – | – | 76.1 | 87.8 | 59.9 | 56.7 | .520 | .464 | .387 | .862 | 57 | 35 | 2.2 | 5.6 | 17 | 3 | 7 | 4 | 0 | 28.4 | 1.12 | 0.37 | 18 | 5 | 0 |
| April | – | – | 73.2 | 83.8 | 61.9 | 63.7 | .558 | .594 | .266 | .575 | 68 | 51 | 3.9 | 6.2 | 10 | 2 | 7 | 7 | 0 | 145.0 | 5.71 | 1.35 | 15 | 11 | 0 |
| May | – | – | 72.7 | 84.5 | 61.3 | 62.4 | .546 | .567 | .263 | .629 | 68 | 47 | 1.3 | 6.1 | 25 | 0 | 2 | 4 | 0 | 10.7 | 0.42 | 0.22 | 5 | 2 | 0 |
| June | – | – | 74.0 | 85.1 | 60.6 | 67.1 | .535 | .670 | .310 | .547 | 63 | 55 | 1.4 | 5.2 | 23 | 0 | 4 | 3 | 0 | 0.0 | 0.00 | 0.00 | – | 0 | 0 |
| July | – | – | 75.4 | 85.1 | 63.9 | 63.3 | .597 | .588 | .289 | .629 | 67 | 48 | 1.0 | 4.8 | 25 | 1 | 5 | 0 | 0 | 0.0 | 0.00 | 0.00 | – | 0 | 0 |
| August | – | – | 74.1 | 84.7 | 61.7 | 64.4 | .555 | .608 | .295 | .597 | 65 | 50 | 5.4 | 5.2 | 0 | 2 | 23 | 6 | 0 | 8.4 | 0.33 | 0.33 | 11 | 1 | 0 |
| September | – | – | 73.4 | 85.3 | 60.4 | 66.0 | .529 | .644 | .301 | .582 | 64 | 53 | 5.0 | 5.9 | 0 | 2 | 27 | 1 | 0 | 0.0 | 0.00 | 0.00 | – | 0 | 0 |
| October | – | – | 72.6 | 84.0 | 59.9 | 65.8 | .520 | .641 | .289 | .534 | 64 | 55 | 5.1 | 6.7 | 0 | 1 | 27 | 3 | 0 | 129.8 | 5.11 | 1.55 | 30 | 9 | 0 |
| November | – | – | 72.6 | 82.7 | 61.0 | 63.5 | .540 | .591 | .269 | .540 | 67 | 52 | 4.2 | 6.3 | 8 | 0 | 18 | 4 | 0 | 152.4 | 6.00 | 1.96 | 6 | 10 | 0 |
| December | – | – | 73.8 | 82.7 | 60.4 | 59.4 | .532 | .511 | .307 | .620 | 63 | 45 | 1.2 | 5.9 | 25 | 0 | 4 | 2 | 0 | 23.4 | 0.92 | 0.43 | 23 | 3 | 0 |
| Year | – | – | 74.1 | 84.8 | 60.9 | 62.2 | .539 | .568 | .310 | .640 | 64 | 47 | 2.9 | 5.6 | 150 | 37 | 140 | 38 | 0 | 514.9 | 20.27 | 1.96 | Nov. 6 | 44 | 0 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + ½ Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 8 | 0 | 21 | 0 | 0 | 0 | 2 | 0 | 26 | 5 | 0 | 7.4 | 11.9 | 94.7 | 21 | 56.0 | 8 | 88.6 | 59.7 | 74.1 | 34.6 | 21.1 | 28.9 | 0 | 0 | 31 |
| February | 0 | 5 | 0 | 21 | 0 | 1 | 0 | 1 | 0 | 25 | 3 | 0 | 5.4 | 11.0 | 95.0 | 14 | 58.4 | 13 | 91.9 | 61.7 | 76.8 | 35.9 | 25.7 | 30.2 | 0 | 0 | 28 |
| March | 0 | 1 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 10.1 | 9.8 | 96.5 | 26 | 60.0 | 15 | 92.1 | 64.4 | 78.3 | 35.3 | 14.9 | 27.7 | 0 | 0 | 31 |
| April | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 10.5 | 12.1 | 95.0 | 5 | 62.4 | 18 | 86.6 | 65.4 | 76.0 | 30.0 | 10.0 | 21.2 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 13.2 | 15.0 | 95.0 | 23,25 | 60.0 | 19 | 88.0 | 64.3 | 76.1 | 30.0 | 17.3 | 23.6 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 15.4 | 16.6 | 95.1 | 1 | 61.0 | 26 | 88.9 | 63.4 | 76.1 | 32.0 | 21.1 | 25.5 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 24.4 | 25.9 | 92.3 | 7,28 | 63.1 | 5,24 | 89.9 | 65.2 | 77.5 | 27.3 | 20.1 | 24.7 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 25.7 | 26.2 | 92.3 | 6,29 | 65.0 | often | 90.9 | 67.7 | 79.3 | 27.0 | 16.3 | 23.1 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 3 | 27 | 0 | 25.7 | 24.4 | 92.4 | 8 | 62.5 | 19 | 91.4 | 66.4 | 78.9 | 27.7 | 22.3 | 25.0 | 0 | 0 | 30 |
| October | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 1 | 25 | 5 | 0 | 7.8 | 9.4 | 92.3 | often | 60.2 | 12 | 89.3 | 64.9 | 77.1 | 32.0 | 15.1 | 23.9 | 0 | 0 | 31 |
| November | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 3.1 | 3.8 | 95.3 | 23 | 58.0 | 27 | 85.8 | 61.4 | 73.6 | 33.5 | 16.8 | 24.4 | 0 | 0 | 30 |
| December | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 7.4 | 7.6 | 88.4 | 10 | 54.5 | 30 | 85.3 | 59.2 | 72.3 | 30.0 | 18.5 | 26.0 | 0 | 0 | 31 |
| Year | 0 | 14 | 0 | 346 | 0 | 1 | 0 | 3 | 1 | 223 | 141 | 0 | 13.0 | 14.5 | 96.5 | March 26 | 54.5 | Dec. 30 | 89.1 | 63.6 | 76.3 | 35.9 | 10.0 | 25.3 | 0 | 0 | 365 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABETE, THE OBSERVATORY, 1946.

Lat.: 1° 16'S Long.: 36° 48'E Alt.: 5971 feet Standard Time 3h 00m East Reference Number 91.36/30

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.274 | 24.185 | 62.2 | 76.5 | 53.6 | 49.6 | .413 | .357 | .151 | .561 | 73 | 39 | 4.2 | 4.6 | 3 | 15 | 4 | 6 | 3 | 5.6 | 0.22 | 0.22 | 11 | 1 | 1 |
| February | 24.262 | 24.170 | 63.9 | 80.7 | 51.3 | 42.4 | .381 | .272 | .218 | .788 | 64 | 26 | 3.5 | 4.1 | 3 | 15 | 5 | 4 | 1 | 4.6 | 0.18 | 0.15 | 27 | 2 | 1 |
| March | 24.265 | 24.167 | 64.6 | 79.2 | 54.7 | 47.8 | .431 | .334 | .183 | .670 | 70 | 33 | 6.1 | 5.8 | 1 | 6 | 5 | 18 | 1 | 25.4 | 1.00 | 0.77 | 1 | 6 | 1 |
| April | 24.280 | 24.197 | 61.6 | 73.1 | 58.3 | 55.4 | .490 | .443 | .062 | .378 | 88 | 54 | 9.2 | 7.9 | 0 | 1 | 0 | 13 | 16 | 122.4 | 4.82 | 0.82 | 18 | 16 | 4 |
| May | 24.315 | 24.241 | 60.1 | 70.5 | 56.5 | 56.8 | .461 | .467 | .062 | .286 | 88 | 62 | 8.7 | 7.5 | 0 | 2 | 2 | 13 | 14 | 102.1 | 4.02 | 1.27 | 5 | 17 | 1 |
| June | 24.342 | 24.268 | 57.9 | 70.7 | 53.4 | 52.0 | .410 | .390 | .074 | .369 | 85 | 51 | 8.0 | 8.1 | 0 | 3 | 4 | 12 | 11 | 8.1 | 0.32 | 0.15 | 8 | 5 | 0 |
| July | 24.333 | 24.274 | 56.4 | 68.0 | 51.6 | 50.0 | .384 | .363 | .077 | .328 | 84 | 53 | 8.3 | 8.6 | 0 | 4 | 2 | 9 | 16 | 11.9 | 0.47 | 0.23 | 30 | 5 | 0 |
| August | 24.339 | 24.277 | 55.4 | 64.5 | 52.5 | 52.3 | .399 | .396 | .044 | .218 | 90 | 64 | 9.6 | 9.1 | 0 | 0 | 1 | 5 | 25 | 76.5 | 3.01 | 0.76 | 5 | 15 | 0 |
| September | 24.324 | 24.235 | 56.3 | 68.4 | 53.4 | 52.7 | .410 | .402 | .048 | .298 | 90 | 57 | 9.7 | 8.3 | 0 | 0 | 0 | 6 | 24 | 127.5 | 5.02 | 1.61 | 21 | 13 | 0 |
| October | 24.285 | 24.194 | 59.6 | 71.8 | 55.4 | 53.1 | .443 | .405 | .071 | .381 | 86 | 52 | 8.7 | 7.7 | 0 | 1 | 2 | 17 | 11 | 203.2 | 8.00 | 1.56 | 26 | 14 | 3 |
| November | 24.265 | 24.179 | 60.9 | 70.9 | 56.8 | 54.7 | .467 | .431 | .073 | .331 | 86 | 57 | 8.7 | 7.6 | 0 | 1 | 2 | 21 | 6 | 74.2 | 2.92 | 0.73 | 4 | 11 | 0 |
| December | 24.256 | 24.173 | 61.5 | 72.7 | 55.4 | 53.4 | .443 | .410 | .109 | .399 | 80 | 51 | 6.3 | 6.9 | 2 | 7 | 4 | 13 | 5 | 54.9 | 2.16 | 1.51 | 10 | 8 | 0 |
| Year | 24.295 | 24.213 | 60.0 | 72.3 | 54.4 | 51.7 | .428 | .389 | .098 | .417 | 82 | 50 | 7.6 | 7.2 | 9 | 55 | 31 | 137 | 133 | 816.4 | 32.14 | 1.61 | Sept. 21 | 113 | 11 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 2 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 7 | 0 | 8.3 | 13.4 | 83.2 | 29 | 49.0 | 9 | 79.1 | 52.8 | 65.9 | 31.6 | 19.9 | 26.3 | 0 | 0 | 31 |
| February | 4 | 17 | 1 | 0 | 0 | 1 | 0 | 1 | 4 | 23 | 1 | 0 | 5.4 | 14.5 | 86.6 | 22 | 48.0 | 13 | 83.5 | 52.8 | 68.1 | 34.6 | 22.4 | 30.7 | 0 | 0 | 28 |
| March | 7 | 15 | 3 | 1 | 1 | 0 | 0 | 1 | 3 | 28 | 0 | 0 | 4.3 | 13.6 | 85.8 | 15 | 51.0 | 12 | 82.0 | 55.3 | 68.7 | 32.3 | 16.8 | 26.7 | 0 | 0 | 31 |
| April | 2 | 10 | 10 | 2 | 0 | 0 | 0 | 0 | 6 | 24 | 0 | 0 | 3.8 | 10.5 | 82.0 | 1 | 55.0 | 25 | 76.6 | 58.1 | 67.3 | 24.0 | 11.0 | 18.5 | 0 | 0 | 30 |
| May | 0 | 4 | 3 | 8 | 4 | 3 | 0 | 0 | 9 | 22 | 0 | 0 | 2.7 | 6.3 | 76.0 | 19,27 | 51.0 | 25 | 73.2 | 56.9 | 65.1 | 22.6 | 11.0 | 16.3 | 0 | 1 | 30 |
| June | 0 | 1 | 0 | 6 | 10 | 2 | 0 | 0 | 11 | 19 | 0 | 0 | 2.7 | 19.5 | 78.0 | 22 | 47.0 | 30 | 73.1 | 52.8 | 62.9 | 28.4 | 15.8 | 20.3 | 1 | 0 | 29 |
| July | 2 | 6 | 2 | 12 | 2 | 2 | 1 | 1 | 3 | 28 | 0 | 0 | 3.8 | 8.7 | 78.0 | 1,2 | 47.9 | 5 | 70.3 | 52.4 | 61.3 | 30.0 | 3.0 | 17.9 | 0 | 0 | 31 |
| August | 0 | 2 | 3 | 12 | 13 | 1 | 0 | 0 | 0 | 31 | 0 | 0 | 4.5 | 8.3 | 74.4 | 24 | 50.3 | 27 | 67.0 | 53.3 | 60.1 | 22.4 | 5.0 | 13.7 | 2 | 3 | 26 |
| September | 0 | 3 | 8 | 13 | 3 | 1 | 0 | 0 | 2 | 27 | 1 | 0 | 4.3 | 11.2 | 77.0 | 1 | 50.0 | 18 | 71.5 | 54.0 | 62.7 | 27.0 | 9.4 | 17.5 | 1 | 0 | 29 |
| October | 1 | 18 | 6 | 1 | 1 | 0 | 0 | 0 | 4 | 26 | 1 | 0 | 5.4 | 13.0 | 77.7 | 16,18 | 47.8 | 3 | 74.3 | 54.7 | 64.5 | 28.8 | 8.3 | 19.5 | 0 | 1 | 30 |
| November | 1 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 8.3 | 13.6 | 78.9 | 23 | 51.4 | 19 | 72.7 | 56.6 | 64.7 | 25.1 | 6.2 | 16.2 | 0 | 1 | 29 |
| December | 2 | 23 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 31 | 0 | 0 | 6.7 | 12.5 | 77.8 | 6 | 49.0 | 27 | 74.6 | 54.7 | 64.7 | 26.2 | 13.6 | 19.9 | 0 | 0 | 31 |
| Year | 21 | 147 | 50 | 55 | 34 | 10 | 2 | 3 | 43 | 311 | 11 | 0 | 5.0 | 12.1 | 86.6 | Feb. 22 | 47.0 | June 30 | 74.8 | 54.5 | 64.7 | 34.6 | 3.0 | 20.3 | 4 | 6 | 355 |

SUMM OF METEOROLOGICAL OBSERVATIONS AT KIBARANI KILIFI 1946.

Lat.: 3° 33'S Long.: 39° 50'E Alt.: 50 ft. Standard Time 3h 00m East Reference Number 93.39/09.

| Month | Atmospheri Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24 hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 78.0 | 80.8 | 69.1 | 67.1 | .718 | .667 | .251 | .393 | 74 | 63 | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | - | 0 | - |
| February | - | - | 77.0 | 81.0 | 69.1 | 68.9 | .715 | .712 | .221 | .354 | 76 | 67 | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | - | 0 | - |
| March | - | - | 82.0 | 87.3 | 74.1 | 73.8 | .850 | .839 | .254 | .466 | 77 | 64 | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | - | 0 | - |
| April | - | - | 83.4 | 87.9 | 75.9 | 75.6 | .904 | .892 | .251 | .443 | 78 | 67 | - | - | - | - | - | - | - | 73.7 | 2.90 | 0.68 | 15 | 12 | - |
| May | - | - | 78.1 | 81.9 | 74.3 | 73.4 | .856 | .830 | .116 | .269 | 88 | 76 | - | - | - | - | - | - | - | 352.3 | 13.87 | 2.50 | 16 | 17 | - |
| June | - | - | 76.9 | - | 72.3 | - | .800 | - | .130 | - | 86 | - | - | - | - | - | - | - | - | 33.3 | 1.31 | 0.55 | 27 | 16 | - |
| July | - | - | 74.7 | - | 71.6 | - | .780 | - | .085 | - | 90 | - | - | - | - | - | - | - | - | 69.3 | 2.73 | 0.89 | 10 | 20 | - |
| August | - | - | 75.0 | - | 72.1 | - | .797 | - | .080 | - | 91 | - | - | - | - | - | - | - | - | 101.6 | 4.00 | 0.72 | 15 | 24 | - |
| September | - | - | 75.3 | - | 72.9 | - | .815 | - | .071 | - | 92 | - | - | - | - | - | - | - | - | 371.1 | 14.61 | 5.62 | 21 | 18 | - |
| October | - | - | 78.3 | 83.4 | 75.7 | 77.0 | .898 | .933 | .077 | .222 | 92 | 81 | - | - | - | - | - | - | - | 52.3 | 2.06 | 0.65 | 22 | 16 | - |
| November | - | - | 81.1 | 85.6 | 77.9 | - | .966 | - | .106 | - | 90 | - | - | - | - | - | - | - | - | 16.3 | 0.64 | 0.47 | 24 | 7 | - |
| December | - | - | 81.6 | 85.9 | 78.8 | - | .992 | - | .098 | - | 91 | - | - | - | - | - | - | - | - | 25.9 | 1.02 | 0.35 | 7 | 7 | - |
| Year | - | - | 78.5 | - | 73.7 | - | .841 | - | .145 | - | 85 | - | - | - | - | - | - | - | - | 1095.8 | 43.14 | 5.62 | Sep. 21 | 137 | - |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30h | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | | | | |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 89.0 | 3,13 | 61.0 | 17 | 83.8 | 68.7 | 76.3 | 17.0 | 12.0 | 15.1 | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 89.0 | often | 65.0 | often | 84.4 | 68.5 | 76.5 | 18.5 | 12.0 | 15.8 | - | - | - |
| March | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 91.5 | 22 | 70.0 | 8 | 89.4 | 73.7 | 81.5 | 18.0 | 5.0 | 15.7 | - | - | - |
| April | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92.8 | 19 | 70.5 | 26 | 89.9 | 73.8 | 81.9 | 20.1 | 10.1 | 16.1 | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86.5 | 2 | 70.0 | 30 | 83.5 | 72.9 | 78.2 | 14.0 | 5.0 | 10.6 | - | - | - |
| June | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86.0 | 4 | 69.0 | 28,29 | 83.2 | 72.1 | 77.7 | 14.0 | 3.0 | 11.1 | - | - | - |
| July | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 84.0 | 4,5,8 | 68.0 | 1 | 81.5 | 70.5 | 76.0 | 15.0 | 6.0 | 11.0 | - | - | - |
| August | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 84.0 | 9,31 | 69.0 | often | 81.5 | 70.2 | 75.9 | 15.0 | 7.0 | 11.3 | - | - | - |
| September | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86.0 | 20 | 68.0 | 9 | 81.8 | 70.2 | 76.0 | 15.0 | 2.0 | 11.6 | - | - | - |
| October | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86.0 | often | 68.0 | 21 | 84.3 | 71.0 | 77.7 | 17.0 | 9.0 | 13.3 | - | - | - |
| November | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 89.0 | often | 70.0 | 2 | 86.7 | 73.0 | 79.8 | 16.0 | 7.0 | 13.6 | - | - | - |
| December | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 89.0 | often | 72.0 | 24,30 | 88.3 | 73.8 | 81.1 | 17.0 | 11.0 | 14.5 | - | - | - |
| Year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92.8 | Apr. 19 | 61.0 | Jan. 17 | 84.9 | 71.5 | 78.2 | 20.1 | 2.0 | 13.3 | - | - | - |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KISUMU METEOROLOGICAL STATION, 1946

Lat.: 0° 06'S  Long.: 34° 45'E  Alt.: 3769 feet  Standard Time 3h 00m East  Reference Number 90/34/25

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.172 | 26.060 | 73.8 | 87.1 | 54.5 | 54.3 | .428 | .425 | .411 | .871 | 51 | 33 | 3.9 | 5.4 | 0 | 14 | 12 | 4 | 1 | 1.8 | 0.07 | 0.07 | 19 | 1 | 4 |
| February | 26.158 | 26.042 | 74.7 | 89.5 | 52.2 | 53.6 | .393 | .413 | .472 | .984 | 45 | 30 | 3.5 | 4.8 | 7 | 11 | 5 | 3 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 3 |
| March | 26.166 | 26.057 | 74.4 | 85.9 | 61.3 | 57.0 | .546 | .470 | .313 | .776 | 63 | 38 | 5.3 | 6.0 | 0 | 11 | 7 | 12 | 1 | 120.6 | 4.75 | 2.60 | 8 | 8 | 8 |
| April | 26.178 | 26.096 | 72.1 | 81.7 | 63.0 | 62.2 | .579 | .564 | .215 | .526 | 73 | 52 | 7.6 | 8.2 | 0 | 1 | 5 | 21 | 3 | 103.9 | 4.09 | 1.08 | 20 | 12 | 21 |
| May | 26.214 | 26.137 | 70.6 | 80.2 | 64.0 | 63.9 | .602 | .597 | .151 | .442 | 80 | 57 | 5.9 | 6.0 | 0 | 8 | 6 | 17 | 0 | 151.4 | 5.96 | 2.02 | 1 | 15 | 26 |
| June | 26.252 | 26.187 | 68.3 | 78.0 | 62.1 | 63.9 | .561 | .599 | .139 | .370 | 80 | 62 | 6.6 | 5.6 | 0 | 4 | 8 | 15 | 3 | 185.7 | 7.31 | 1.68 | 23 | 16 | 16 |
| July | 26.220 | 26.158 | 67.6 | 79.2 | 59.7 | 61.3 | .517 | .546 | .165 | .458 | 76 | 54 | 6.1 | 7.0 | 0 | 9 | 4 | 16 | 2 | 59.7 | 2.35 | 1.62 | 8 | 8 | 11 |
| August | 26.229 | 26.161 | 67.5 | 77.7 | 61.0 | 61.7 | .540 | .555 | .139 | .402 | 80 | 58 | 6.7 | 6.9 | 0 | 8 | 4 | 14 | 5 | 202.9 | 7.99 | 2.72 | 5 | 16 | 15 |
| September | 26.211 | 26.110 | 69.3 | 80.4 | 60.4 | 64.6 | .529 | .614 | .192 | .434 | 73 | 59 | 5.0 | 6.1 | 0 | 11 | 6 | 13 | 0 | 146.0 | 5.75 | 1.86 | 11 | 11 | 16 |
| October | 26.190 | 26.078 | 71.9 | 82.6 | 59.9 | 63.9 | .520 | .599 | .271 | .523 | 66 | 53 | 5.8 | 6.9 | 0 | 7 | 10 | 14 | 0 | 55.4 | 2.18 | 1.60 | 8 | 7 | 8 |
| November | 26.184 | 26.066 | 73.0 | 82.9 | 63.1 | 64.0 | .582 | .602 | .239 | .535 | 71 | 53 | 4.9 | 7.1 | 0 | 10 | 11 | 9 | 0 | 111.8 | 4.40 | 1.43 | 29 | 12 | 11 |
| December | 26.178 | 26.072 | 71.4 | 82.7 | 60.3 | 61.3 | .526 | .546 | .251 | .585 | 68 | 48 | 3.3 | 4.8 | 0 | 17 | 11 | 3 | 0 | 92.4 | 3.64 | 1.32 | 9 | 10 | 7 |
| Year | 26.196 | 26.102 | 71.2 | 82.3 | 60.1 | 61.0 | .527 | .544 | .247 | .575 | 69 | 50 | 5.4 | 6.2 | 7 | 111 | 89 | 141 | 17 | 1231.6 | 48.49 | 2.72 | Aug. 5 | 116 | 146 |

@ At station level: corrected for Temperature and to standard gavity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 6 | 14 | 6 | 1 | 2 | 0 | 0 | 1 | 30 | 0 | 0 | 5.1 | 14.1 | 95.0 | 29 | 59.1 | 8 | 90.1 | 63.5 | 76.8 | 34.5 | 18.4 | 26.6 | 0 | 0 | 31 |
| February | 0 | 5 | 8 | 1 | 1 | 1 | 1 | 0 | 10 | 18 | 0 | 0 | 3.4 | 16.6 | 98.4 | 24 | 60.1 | 8 | 93.4 | 64.1 | 78.7 | 37.3 | 17.9 | 29.3 | 0 | 0 | 28 |
| March | 0 | 8 | 7 | 1 | 1 | 0 | 0 | 0 | 14 | 16 | 1 | 0 | 2.2 | 12.8 | 96.0 | 17 | 60.0 | 9 | 89.7 | 65.5 | 77.6 | 34.0 | 14.5 | 24.1 | 0 | 0 | 31 |
| April | 1 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 1.6 | 11.2 | 90.0 | 2 | 61.8 | 20 | 83.6 | 65.7 | 74.7 | 23.8 | 10.4 | 17.9 | 0 | 0 | 30 |
| May | 0 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 1.3 | 6.0 | 88.0 | 22 | 60.0 | 15 | 82.4 | 64.3 | 73.3 | 25.3 | 12.0 | 18.1 | 0 | 0 | 31 |
| June | 0 | 13 | 5 | 0 | 0 | 0 | 1 | 0 | 11 | 19 | 0 | 0 | 2.3 | 6.5 | 86.4 | 3 | 59.0 | 19 | 79.9 | 62.7 | 71.3 | 24.6 | 11.0 | 17.2 | 0 | 0 | 30 |
| July | 1 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 1.3 | 7.6 | 85.5 | 20 | 56.1 | 20 | 81.0 | 61.0 | 71.0 | 29.4 | 8.7 | 20.0 | 0 | 0 | 31 |
| August | 1 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 18 | 13 | 0 | 0 | 1.3 | 8.7 | 85.0 | 25 | 57.2 | 25 | 79.5 | 62.0 | 70.7 | 27.8 | 10.2 | 17.5 | 0 | 1 | 30 |
| September | 0 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 16 | 14 | 0 | 0 | 1.6 | 10.5 | 87.0 | 28 | 56.1 | 25 | 82.2 | 61.4 | 71.8 | 26.1 | 15.2 | 20.7 | 0 | 0 | 30 |
| October | 0 | 5 | 14 | 2 | 1 | 0 | 0 | 1 | 8 | 23 | 0 | 0 | 2.7 | 8.9 | 89.0 | 25 | 58.5 | 3 | 84.8 | 63.4 | 74.1 | 27.6 | 11.0 | 21.4 | 0 | 0 | 31 |
| November | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 1.6 | 9.2 | 90.0 | 16,17,18 | 59.5 | 4,14,19 | 85.3 | 62.9 | 74.1 | 30.0 | 14.5 | 22.4 | 0 | 0 | 30 |
| December | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 0 | 0.4 | 8.7 | 91.0 | 31 | 58.0 | 31 | 84.6 | 61.9 | 73.3 | 33.0 | 16.0 | 22.7 | 0 | 0 | 31 |
| Year | 4 | 71 | 92 | 14 | 4 | 3 | 2 | 2 | 173 | 191 | 1 | 0 | 2.1 | 10.1 | 98.4 | Feb. 24 | 56.1 | July 20 Sept 25 | 84.7 | 63.2 | 73.9 | 37.3 | 8.7 | 21.5 | 0 | 1 | 364 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KISII 1946.

Lat.: 0° 41'S Long.: 34° 47'E Alt.: 5600 feet Standard Time 3h East Reference Number 90.34/30.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall in 24hrs | Date | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 64.0 | 81.7 | 60.1 | | .523 | | .079 | - | 87 | | | | - | - | - | - | - | 90.9 | 3.58 | 1.52 | 11 | 7 | - |
| February | | | 65.2 | 81.6 | 56.1 | | .455 | - | .171 | | 73 | | | | - | - | - | - | - | 28.4 | 1.12 | 0.76 | 27 | 4 | - |
| March | | | 64.7 | 80.0 | 60.1 | | .523 | | .094 | - | 85 | | | | - | - | - | - | - | 72.5 | 2.79 | 1.17 | 7 | 15 | - |
| April | | | 63.1 | 72.6 | 57.7 | 60.4 | .481 | .529 | .101 | .280 | 83 | 65 | | | | | | - | - | 213.1 | 8.39 | 2.32 | 18 | 24 | - |
| May | | | 62.8 | 73.7 | 56.5 | 60.8 | .461 | .537 | .115 | .302 | 80 | 64 | - | | | | | - | - | 264.4 | 10.41 | 1.47 | 3 | 25 | - |
| June | | | 61.8 | 73.1 | 55.2 | 58.8 | .440 | .499 | .118 | .322 | 79 | 61 | - | | - | - | - | - | - | 157.7 | 6.21 | 1.23 | 23 | 22 | |
| July | | | 61.0 | 72.4 | 53.1 | 56.7 | .405 | .464 | .135 | .336 | 75 | 58 | - | | | | | - | - | 160.0 | 6.30 | 2.49 | 8 | 14 | - |
| August | | | 60.8 | 71.7 | 53.1 | 57.4 | .405 | .475 | .132 | .311 | 75 | 61 | | | - | - | - | - | | 223.5 | 8.80 | 2.43 | 18 | 18 | - |
| September | | | 62.1 | 73.4 | 53.4 | 58.6 | .410 | .496 | .151 | .334 | 73 | 60 | - | | - | - | - | - | | 115.6 | 4.55 | 0.84 | 2 | 21 | - |
| October | | | 63.0 | 74.7 | 54.7 | 58.6 | .431 | .496 | .148 | .369 | 74 | 57 | - | - | - | - | - | - | - | 134.1 | 5.28 | 1.12 | 16 | 19 | - |
| November | - | - | 63.9 | 74.4 | 55.6 | 57.6 | .446 | .478 | .153 | .381 | 74 | 56 | - | - | - | - | - | - | - | 125.0 | 4.92 | 1.05 | 2 | 16 | |
| December | | | 64.7 | 75.5 | 59.0 | - | .502 | - | .115 | - | 81 | - | - | - | - | - | - | - | - | 65.5 | 2.58 | 0.32 | 23 | 17 | |
| Year | - | - | 63.1 | 75.4 | 56.2 | - | .457 | - | .126 | | 78 | - | - | - | - | - | - | - | - | 1750.7 | 68.93 | 2.49 | July 8 | 202 | - |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 88.0 | 28 | 54.0 | 2 | 83.0 | 57.7 | 70.3 | 31.0 | 19.0 | 25.3 | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92.0 | 24 | 51.0 | 17 | 86.0 | 59.3 | 72.7 | 35.0 | 15.0 | 26.8 | - | - | |
| March | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 87.0 | 23 | 56.0 | 5,22 | 82.2 | 59.0 | 70.6 | 30.0 | 17.0 | 23.2 | - | - | - |
| April | - | - | - | - | - | - | - | - | - | - | - | - | | - | 86.0 | 19 | 54.0 | 23 | 77.9 | 59.1 | 68.5 | 25.0 | 12.0 | 18.5 | | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 81.0 | 11 | 56.0 | 10 | 76.6 | 59.0 | 67.8 | 24.0 | 12.0 | 17.6 | - | - | - |
| June | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 77.0 | 22 | 55.0 | 13 | 74.6 | 57.6 | 66.1 | 21.0 | 14.0 | 17.0 | - | - | - |
| July | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 79.0 | 19 | 54.0 | 17 | 75.2 | 57.7 | 66.5 | 22.0 | 10.0 | 17.5 | - | - | |
| August | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 79.0 | often | 55.0 | 7,27 | 74.2 | 57.6 | 65.9 | 22.0 | 8.0 | 16.6 | - | - | - |
| September | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 85.0 | 8 | 50.0 | 5 | 78.0 | 57.0 | 67.5 | 32.0 | 15.0 | 21.0 | - | - | - |
| October | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 83.0 | 2 | 54.0 | 1,14 | 77.5 | 57.1 | 67.3 | 26.0 | 14.0 | 20.4 | - | - | - |
| November | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 83.0 | 14 | 49.0 | 19 | 78.0 | 56.4 | 67.2 | 32.0 | 12.0 | 21.6 | - | - | - |
| December | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 83.0 | 31 | 50.0 | 19 | 78.3 | 56.6 | 67.5 | 30.0 | 14.0 | 21.7 | - | - | - |
| Year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92.0 | Feb. 24 | 49.0 | Nov. 19 | 78.5 | 57.8 | 68.2 | 35.0 | 8.0 | 20.6 | - | - | - |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITALE, D.C. 1946.

Lat.: 1° 01'N  Long.: 35° 00'E  Alt.: 6220 feet  Standard Time 3h 00m East  Reference Number 88.35/01

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | | | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm | ins | ins | Date | Rain | |
| | ins. | ins | F | F | F | F | ins | ins | ins. | ins | % | % | | | | | | | | | | | | | |
| January | | | 63.2 | 80.4 | 50.0 | 45.5 | .363 | .219 | .741 | 62 | 29 | 5.7 | 7.6 | 0 | 9 | 7 | 12 | 3 | 0.8 | 0.03 | 0.03 | 11 | 1 | | |
| February | | | 65.3 | 83.4 | 48.0 | 43.7 | .337 | .286 | .292 | .869 | 54 | 25 | 5.6 | 6.6 | 0 | 6 | 12 | 6 | 4 | 10.2 | 0.40 | 0.40 | 27 | | | |
| March | | | 64.0 | 79.0 | 54.3 | 50.5 | .425 | .369 | .177 | .629 | 70 | 37 | 5.6 | 7.4 | 2 | 8 | 6 | 13 | 2 | 45.7 | 1.80 | 0.47 | 11 | 11 | 12 | |
| April | | | 63.8 | 72.8 | 58.3 | 57.0 | .490 | .470 | .109 | .345 | 82 | 58 | 8.4 | 9.0 | 0 | 0 | 3 | 23 | 4 | 172.5 | 6.79 | 1.27 | 16 | 19 | 23 | |
| May | | | 63.3 | 71.9 | 57.9 | 57.2 | .484 | .473 | .104 | .318 | 82 | 60 | 6.6 | 8.6 | 0 | 6 | 8 | 13 | 4 | 182.9 | 7.20 | 2.32 | 31 | 20 | 23 | |
| June | | | 61.9 | 68.9 | 57.6 | 57.7 | .478 | .481 | .080 | .231 | 86 | 68 | 7.3 | 9.0 | 0 | 3 | 7 | 19 | 1 | 172.0 | 6.77 | 0.85 | 16 | 25 | 29 | |
| July | | | 60.7 | 69.4 | 56.5 | 56.1 | .461 | .455 | .074 | .271 | 85 | 63 | 7.8 | 8.9 | 0 | 3 | 4 | 17 | 7 | 190.0 | 7.48 | 1.39 | 5 | 20 | 19 | |
| August | | | 59.5 | 66.9 | 57.0 | 57.6 | .470 | .478 | .044 | .186 | 91 | 72 | 8.3 | 9.2 | 0 | 2 | 3 | 16 | 10 | 296.9 | 11.69 | 1.70 | 16 | 28 | 25 | |
| September | | | 61.9 | 70.0 | 56.1 | 56.5 | .455 | .461 | .103 | .277 | 81 | 62 | 6.0 | 8.7 | 0 | 10 | 4 | 11 | 5 | 124.7 | 4.91 | 0.85 | 1 | 16 | 21 | |
| October | | | 63.0 | | 56.3 | | .458 | | .121 | | 79 | | | | | | | | | 37.3 | 1.47 | 0.60 | 9 | 15 | | |
| November | | | 62.8 | | 55.0 | | .437 | | .139 | | 76 | | | | | | | | | 51.8 | 2.04 | 0.64 | 5 | 10 | | |
| December | | | 62.2 | | 53.6 | | .413 | | .151 | | 73 | | | | | | | | | 21.1 | 0.83 | 0.33 | 8 | 7 | | |
| Year | | | 62.2 | | 55.1 | | .439 | | .134 | | 77 | | | | | | | | | 1305.9 | 51.41 | 2.32 | May 31 | 173 | | |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Max | Min. | Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 4 | 9 | 17 | 1 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 7.4 | 10.3 | 83.6 | 22 | 46.0 | 8 | 81.9 | 52.0 | 66.9 | 36.5 | 25.6 | 29.9 | 0 | 0 | 31 |
| February | 0 | 5 | 6 | 16 | 1 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 8.1 | 11.6 | 88.7 | 19 | 50.2 | 7 | 85.2 | 53.3 | 69.3 | 36.8 | 26.1 | 31.9 | 0 | 0 | 28 |
| March | 1 | 8 | 12 | 3 | 0 | 1 | 1 | 0 | 0 | 30 | 1 | 0 | 7.4 | 13.2 | 88.0 | 14 | 50.0 | 22 | 82.7 | 54.5 | 68.6 | 35.0 | 21.0 | 28.2 | 0 | 1 | 30 |
| April | 3 | 9 | 10 | 6 | 2 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 7.2 | 10.3 | 87.0 | 1 | 53.9 | 22 | 77.9 | 56.5 | 67.2 | 29.6 | 14.9 | 21.4 | 1 | 0 | 29 |
| May | 5 | 6 | 11 | 4 | 3 | 1 | 1 | 0 | 0 | 31 | 0 | 0 | 6.5 | 10.3 | 80.0 | 13 | 52.5 | 13 | 75.7 | 55.5 | 65.6 | 27.5 | 14.1 | 20.2 | 1 | 0 | 30 |
| June | 5 | 7 | 9 | 5 | 3 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 6.5 | 9.9 | 76.2 | 21 | 51.4 | 22 | 72.5 | 54.4 | 63.5 | 22.1 | 12.0 | 18.1 | 0 | 0 | 30 |
| July | 8 | 3 | 15 | 2 | 1 | 0 | 1 | 1 | 0 | 31 | 0 | 0 | 6.3 | 10.1 | 76.2 | 18 | 49.9 | 21 | 72.4 | 53.3 | 62.9 | 25.4 | 7.2 | 19.0 | 0 | 2 | 29 |
| August | 2 | 6 | 8 | 1 | 1 | 1 | 0 | 2 | 0 | 30 | 1 | 0 | 6.0 | 9.6 | 75.5 | 26 | 50.0 | 24 | 71.2 | 53.9 | 62.5 | 23.6 | 10.8 | 17.3 | 0 | 0 | 31 |
| September | 4 | 4 | 8 | 3 | 0 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 6.3 | 10.5 | 78.0 | 18 | 50.7 | 4 | 74.5 | 52.6 | 63.5 | 26.8 | 15.4 | 21.9 | 0 | 0 | 30 |
| October | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| November | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| December | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LAMU, 1946.

Lat. 2° 16'S Long. 40° 54'E Alt. 30 feet Standard Time 3h 00m East Reference Number 92.40/01

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt | | Number of Occasions at 8 30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max Fall in 24hrs | | Rain | Thunder |
| | 8 30 | 4 30 | 8 30 | 4 30 | 8 30 | 4.30 | 8 30 | 4 30 | 8.30 | 4.30 | 8 30 | 4 30 | 8 30 | 4 30 | 0 | 3 | 4 6 | 7 9 | 10 | mm | ins | ins | Date | | |
| | ins | ins | F | F | F | F | ins | ins | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 79 9 | 82 5 | 75 0 | 75.4 | .874 | 889 | .154 | 233 | 85 | 79 | 5 3 | 2 1 | 0 | 9 | 6 | 5 | | 0.0 | 0 00 | 0.00 | | 0 | 0 |
| February | | | 80 0 | 82 9 | 74.8 | 75.9 | 87 | 90 | 63 | 236 | 84 | 79 | 5 3 | 2 | 0 | 0 | 9 | 9 | 0 | 0.0 | 0.00 | 0 00 | | 0 | 0 |
| March | | | 8 6 | 84 7 | 77 4 | 78 8 | 945 | 992 | 45 | 2 3 | 87 | 82 | 5 0 | 2 0 | 0 | 8 | 8 | 3 | 2 | 0 0 | 0.00 | 0.00 | | 0 | 0 |
| Apr | | | 84 4 | 87 2 | 79 3 | 80.4 | .0 0 | 045 | 80 | 260 | 85 | 80 | 4. | 2 4 | 0 | 9 | 7 | 3 | | 28 2 | 1 1 | 0.50 | 9,30 | 4 | 0 |
| May | | | 80 7 | 83 5 | 77 4 | 78 6 | 948 | 989 | .2 | 166 | 89 | 86 | 5 8 | 4 5 | 0 | 9 | 8 | | 3 | 475 0 | 18.70 | 3.70 | 6 | 8 | 0 |
| June | | | 80 5 | 82 3 | 76 5 | 77.9 | 92 | 963 | 27 | 47 | 88 | 87 | 4.6 | 3 8 | 0 | 7 | 6 | 4 | | 88.7 | 7.43 | 3.40 | 26 | 0 | 0 |
| July | | | 78 8 | 8 0 | 76 6 | 78.3 | 924 | 977 | 068 | 089 | 93 | 92 | 5.9 | 3 | 0 | 7 | 0 | 7 | | 33 3 | .31 | 0.31 | 0 | 7 | 0 |
| August | | | 78 3 | 80 4 | 74 8 | 76.5 | 868 | 92 | 07 | 27 | 89 | 88 | 5.0 | 3 | 0 | 7 | 3 | 9 | 0 | 52 | 2.05 | 0.51 | 2 | 2 | 0 |
| September | | | 79 2 | 8 2 | 75 9 | 77.5 | 904 | 95 | 00 | 2 | 90 | 88 | 4.6 | 2 8 | 0 | 20 | 4 | 5 | | 40.4 | 1 59 | 0.39 | 7 | 9 | 0 |
| October | | | 80 7 | 82 5 | 73 0 | 73.9 | 82. | 845 | 239 | 277 | 77 | 75 | 3.7 | 2 5 | 0 | 25 | 3 | 3 | 0 | 0.0 | 0 00 | 0.00 | | 0 | 0 |
| November | | | 82 4 | 84 7 | 75 6 | 76 5 | 892 | 9 8 | 224 | 287 | 80 | 76 | 4.0 | 2. | 0 | 20 | 1 | 4 | 0 | 29 2 | 5 | 1.15 | 6 | 1 | 0 |
| December | | | 82 7 | 84 8 | 74 8 | 75.4 | 871 | 889 | 260 | 3 6 | 77 | 74 | 3.4 | 2.2 | 0 | 28 | 2 | | 0 | 3 | 0.05 | 1 | 1 | 1 | 0 |
| Year | | | 80 8 | 83 | 75 9 | 77 | .904 | .940 | 57 | 206 | 85 | 82 | 4 7 | 2 7 | 0 | 189 | 87 | 64 | 10 | 848 2 | 33 39 | 3.70 | May 16 | 62 | 0 |

@ At station level corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8 30h | | | | | | | | | Frequency of Wind Force at 8 30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | | Frequency of Visibility at 8 30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 3 | 4 7 | >7 | h 8 30 | h 4.30 | Max | Date | Min | Date | Mean Max | Mean Min | ½ Max + Min | Range Max | Range Min | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h | m.p.h | F. | | F. | | F. | F | F | F | F | F | | | |
| January | 0 | 0 | 0 | 9 | 8 | 6 | 3 | 0 | 5 | | | | | | 88.5 | 14 | 72.5 | 12 | 85.4 | 75.2 | 80.3 | 13.0 | 8.2 | 10.2 | 0 | 2 | 29 |
| February | 0 | 0 | 0 | 8 | 4 | 5 | 5 | 0 | 6 | | | - | | | 89 5 | 26 | 73.3 | 9 | 86.0 | 75.2 | 80.6 | 15.0 | 7.3 | 10 7 | 0 | 0 | 28 |
| March | 1 | 5 | 3 | 4 | 0 | 8 | 1 | 0 | 9 | | - | | | | 88 5 | often | 73 5 | 20 | 86.9 | 76.3 | 81.6 | 13.7 | 6.5 | 10.7 | 0 | 0 | 31 |
| April | 0 | 0 | 5 | 4 | 2 | 0 | 0 | 0 | 9 | | | | | | 95 0 | 3 | 74.0 | 10 | 89 5 | 78 1 | 83.8 | 17.0 | 9.0 | 13.4 | 0 | 1 | 29 |
| May | 0 | 0 | 0 | 1 | 2 | 7 | 0 | 0 | 11 | | - | | | | 91.0 | 2 | 69.0 | 5,17 | 86 2 | 73.1 | 79 7 | 21.0 | 7.0 | 13 1 | 2 | 1 | 28 |
| June | 0 | 0 | 0 | 3 | 20 | 3 | 0 | 0 | 2 | | - | - | | - | 87 0 | 9 | 63 0 | 26 | 84.5 | 72 5 | 78 5 | 18.5 | 8 5 | 11.9 | | 1 | 26 |
| July | 0 | 0 | 0 | 8 | 17 | 0 | 0 | 0 | 0 | | - | - | | | 84 0 | 9,24 | 63 0 | 10 | 82 6 | 72 0 | 77.3 | 18.5 | 7 5 | 10.5 | 0 | . | 24 |
| August | 0 | 0 | 0 | 3 | 17 | 7 | 0 | 0 | 2 | | - | | | - | 83.3 | 31 | 70.0 | 2,4,16 | 82 2 | 73 3 | 77.7 | 11.5 | 6.1 | 8.9 | 0 | 3 | 26 |
| September | 0 | 0 | 0 | 23 | 6 | 1 | 0 | 0 | 0 | | | | | | 84 5 | 20 | 72.5 | 18 | 82 4 | 75.3 | 78.9 | 9.9 | 4.5 | 7.1 | 0 | 1 | 29 |
| October | 0 | 0 | 0 | 15 | 7 | 8 | 0 | 0 | 1 | | | - | | | 88 5 | 31 | 75.8 | 11 | 84.7 | 76.8 | 80.7 | 10.0 | 5.2 | 7.8 | 0 | 0 | 31 |
| November | 0 | 0 | 0 | 13 | 0 | 1 | 0 | 0 | 11 | | | - | | | 88 5 | 30 | 73.0 | 7 | 86 4 | 77 9 | 82.1 | 12.0 | 5.5 | 8.3 | 0 | 1 | 24 |
| December | 9 | 10 | 0 | 6 | 0 | 0 | 0 | 2 | 4 | | - | - | | - | 88.3 | 6,10 | 75 0 | often | 86.6 | 78 5 | 82 5 | 11.3 | 6.3 | 8.1 | 0 | 0 | 31 |
| Year | 10 | 15 | 8 | 97 | 103 | 46 | 9 | 2 | 60 | | | - | | - | 95 0 | April 3 | 63.0 | June 26 July 0 | 85 3 | 75 3 | 80 3 | 21 0 | 4.5 | 9.9 | 3 | .. | 336 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LODWAR 1946.

Lat.: 3° 07'N. Long.: 35° 37'E Alt.: 1660 feet Standard Time 3h 00m East Reference Number 86.35/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Def.cit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins | | | |
| January | | | 75.1 | 95.0 | 57.4 | 53.6 | .475 | .433 | .402 | 1.250 | 54 | 25 | 0.6 | 1.4 | 9 | 9 | . | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | | | 76.0 | 97.2 | 55.8 | 50.9 | .449 | .375 | .455 | 1.400 | 50 | 21 | 0.6 | 0.6 | 9 | 9 | 0 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 80.3 | 96.7 | 60.4 | 57.6 | .532 | .478 | .510 | 1.268 | 51 | 27 | 2.9 | 3.0 | 9 | 10 | 7 | 3 | 2 | .0 | 0.04 | 0.02 | 9 | 3 | 0 |
| April | | | 81.6 | 93.7 | 66.6 | 62.4 | .656 | .567 | .434 | 03. | 60 | 55 | 4.2 | 3.7 | | 6 | 7 | 4 | 2 | 1.9 | 0.47 | 0.39 | 7 | 3 | 0 |
| May | | | 82.3 | 94 | 66.0 | 63.5 | .644 | .591 | .466 | .025 | 58 | 37 | 2.7 | 3.5 | 2 | 2 | 6 | 1 | . | .3 | 0.05 | 0.05 | 2 | . | 0 |
| June | | | 8 . | 91.8 | 64.4 | 63.9 | .611 | .599 | .461 | 0 904 | 57 | 40 | 2.9 | 3.3 | 2 | 21 | 4 | 3 | 0 | .3 | 0 05 | 0.05 | 7 | | 0 |
| July | | | 77.7 | 89.3 | 65 5 | 60.3 | .591 | .526 | .366 | 0.862 | 62 | 38 | 4.6 | 3.3 | 2 | 11 | 7 | 0 | 1 | 4.1 | 0.16 | 0.16 | 2 | | 0 |
| August | | | 76.4 | 86 8 | 64.0 | 62.4 | 602 | .567 | 3.6 | 0 715 | 66 | 44 | 6.0 | 6.0 | 0 | 11 | 3 | 2 | 5 | 23.6 | 0.93 | 0 5 | 11 | 4 | 0 |
| September | | | 79.6 | 9 .1 | 6 9 | 59 3 | .358 | .5.4 | 458 | 0 957 | 55 | 35 | 2.3 | 2.5 | | 25 | | 3 | 0 | 0.0 | 0 00 | 0.00 | | 0 | 0 |
| October | | | 81 5 | 93.6 | 63 0 | 58.6 | .579 | 496 | .505 | .093 | 53 | 31 | 2.8 | 2.8 | | 25 | | 3 | . | 6.0 | 0 63 | 0.63 | 9 | . | 0 |
| November | | | 8 .5 | 94.6 | 63.0 | 59.4 | .579 | 5 . | 505 | . 31 | 53 | 31 | 2.9 | 3 | 0 | 23 | 6 | | 0 | 0.5 | 0 02 | 0.02 | 29 | . | 0 |
| December | | | 79 5 | 95 2 | 63 3 | 65.5 | .588 | .635 | 428 | .037 | 58 | 36 | .3 | .9 | 0 | 20 | 0 | 1 | 0 | 3.8 | 0.15 | 0.15 | 22 | . | 0 |
| Year | | | 79.4 | 93.3 | 62 4 | 59 9 | 572 | 523 | .442 | .056 | 56 | 33 | 2.8 | 2.9 | 66 | 201 | 43 | 41 | 12 | 63.5 | 2 50 | 0.63 | Oct 9 | 16 | 0 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max | Date | Min | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max | Range Min | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 2 | 3 | 0 | 0 | 0 | | 0 | 0 | 25 | 6 | 0 | 0 | ... | 3.0 | 100 2 | 18 | 65.2 | 9 | 97 6 | 70 3 | 83 9 | 33 6 | 20 9 | 27 3 | 0 | 0 | 24 |
| February | 4 | 2 | 0 | 0 | 2 | 2 | 0 | 1 | 7 | 1 | 0 | 0 | 6 | 3.0 | 103 2 | 28 | 64 9 | 4 | 00 6 | 71 8 | 86 2 | 35 8 | 23.2 | 28 8 | 0 | | 27 |
| March | 4 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 6 | 0 | 5 | 0 | 5 6 | 2.3 | 03.1 | 26 | 72 5 | 25 | 00 2 | 76 2 | 88 3 | 30 5 | 5 2 | 23 9 | 0 | 3 | 28 |
| April | 2 | 3 | | 0 | 0 | 0 | 0 | 0 | 3 | 6 | | 0 | 3.6 | 0.3 | 02.7 | | 70 9 | 9 | 97.3 | 77 5 | 87 4 | 25 4 | 15 | 19.7 | 0 | 3 | 27 |
| May | 2 | 9 | 0 | 0 | | 0 | 1 | 0 | 8 | 22 | . | 0 | 5 4 | 5.6 | 99.8 | 12 | 72 0 | 3 | 97 4 | 77 4 | 87 4 | 24 3 | 5 5 | 20 0 | 0 | 0 | 31 |
| June | 3 | 20 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 2 | 4 | 0 | 8 3 | 7.2 | 99 6 | 2 | 73.0 | 18 | 95 4 | 76 9 | 86 | 22 | 5.5 | 8 5 | 0 | 0 | 30 |
| July | 7 | 20 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 25 | 4 | 0 | 8 7 | 7.6 | 94.8 | 20 | 7 .7 | 5 | 92 2 | 74 6 | 83 4 | 2 7 | 9 2 | 7 6 | 0 | 0 | 31 |
| August | 3 | 2 | | 0 | 0 | 2 | 2 | | 1 | 26 | 4 | 0 | 8.3 | 8.5 | 94 8 | 27 | 67 2 | 3 | 92 0 | 74 . | 83 | 25.7 | 10.1 | 7 9 | 0 | 0 | 31 |
| September | . | 26 | | 0 | 0 | 0 | 0 | 0 | 2 | 28 | 0 | 0 | 8.3 | 7.8 | 98 9 | 2 . | 72 4 | 25 | 95 2 | 76 1 | 85 7 | 22 9 | 5 9 | 9 | 0 | 0 | 30 |
| October | . | 25 | | 0 | 0 | 1 | 0 | 0 | 3 | 27 | | 0 | 8.1 | 9.8 | 99.4 | 23 | 70 9 | 10 | 96 9 | 77 3 | 87 1 | 23.5 | 16.0 | 19 6 | 0 | 1 | 30 |
| November | 2 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 0 | 4 7 | 11.6 | 98.9 | 20 | 69 0 | 18 | 97 1 | 75 5 | 86 3 | 28 3 | 15 8 | 20 9 | 0 | 0 | 30 |
| December | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 | 3 6 | 8.3 | 98 7 | 7 | 66 6 | 9 | 97 6 | 72 6 | 85 . | 31.6 | 20 8 | 25 0 | 0 | 0 | 31 |
| Year | 31 | 202 | 4 | | 3 | 7 | 4 | 7 | 104 | 239 | 20 | 0 | 5 6 | 9.6 | 03.2 | Feb 28 | 64 9 | Feb 4 | 96.6 | 75 0 | 85 8 | 33 8 | 9 2 | 2 5 | 0 | 8 | 355 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LOKITAUNG 1946.

Lat. 4° 5'N Long. 35° 45'E Alt. 2400 feet Standard Time 3h 00m East Reference Number 85.35/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | May Fall in 24hrs | | Thunder |
| | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 4.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | Date | Rain | |
| | ins | ins | F | F | F | F | ins | ins. | ins | ins | % | % | | | | | | | | | | ins | | | |
| January | | | 85.2 | 86 | 66.2 | 69.3 | .650 | 72 | .493 | .540 | 57 | 57 | 3 | 0.8 | 9 | 6 | 6 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | | | 85.9 | 88.9 | 64.2 | 69.3 | 605 | 72 | .564 | .652 | 5 | 52 | 2 | 0.9 | 11 | 0 | 7 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 85.8 | 90.4 | 65.5 | 68.7 | 632 | 706 | .534 | 732 | 54 | 49 | 2.4 | 2.2 | 11 | 9 | 1 | 0 | 0 | 39.1 | 54 | 0.83 | 17 | 3 | 0 |
| April | | | 82 | 89.5 | 64.4 | 69 | 6.1 | 7.5 | .493 | 682 | 55 | 5 | 3.6 | 3 | 4 | 8 | 6 | | | 20.9 | 4.76 | 65 | 8 | 8 | 0 |
| May | | | 80.9 | 87.5 | 66.4 | 69.3 | .653 | 72 | 413 | 590 | 6. | 55 | 3.6 | 3.6 | 5 | 8 | 7 | | 0 | 3.6 | 0.14 | 0.14 | 14 | 1 | 0 |
| June | | | 82.5 | 92.4 | 65.3 | 69.8 | .629 | .735 | 493 | .80 | 56 | 48 | 2.8 | 8 | 8 | | 1 | 0 | 0 | 18.5 | 0.73 | 0.73 | 6 | 1 | 0 |
| July | | | 8.5 | 92.2 | 65.3 | 70.0 | .629 | .738 | .449 | 783 | 58 | 49 | 2.5 | 2.0 | 10 | 0 | | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | | | 78.4 | 84.2 | 63.0 | 65.5 | .579 | 632 | .40. | 552 | 59 | 53 | 4.2 | 3.2 | 0 | 1 | 9 | | 0 | 26.4 | 04 | 0.73 | 11 | 3 | 0 |
| September | | | 80 | 87.3 | 64.4 | 68.7 | 6.1 | 709 | .425 | 596 | 59 | 54 | 3.3 | 2.0 | 5 | 7 | 8 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| October | | | 79 | 88.5 | 63.7 | 68.9 | .594 | 7.2 | 4.0 | .646 | 59 | 52 | 3.8 | 2.2 | 3 | 7 | 2. | 0 | 0 | 16.0 | 0.63 | 0.63 | 9 | 1 | 0 |
| November | | | 79.0 | 87.8 | 63.5 | 68.2 | 59. | 697 | .407 | 629 | 59 | 52 | 4 | 2.6 | .0 | 6 | 24 | 0 | 0 | 22.9 | 0.90 | 0.63 | 29 | 3 | 0 |
| December | | | 79.5 | 88.5 | 63.9 | 69.4 | .597 | .724 | .419 | .634 | 59 | 53 | 3.2 | 1.2 | 4 | 12 | 15 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| Year | | | 8 | | 88.6 | 64.7 | 68.9 | .6.5 | 7.1 | .458 | 653 | 57 | 52 | 3 | 2. | 80 | 105 | 76 | 3 | | 247.4 | 9.74 | .65 | Apr. 8 | 20 | 0 |

@ At station levels: corrected for temperature and to standard gravity

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | Mean Max | Mean Min | ½ Max - ½ Min | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 0-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | | | | Max | Min | Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F | F | F | F | F | F | | | |
| January | 0 | 0 | 8 | 22 | 1 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 12 | 19.0 | 95.4 | 29 | 69 | 5 | 93.0 | 71.4 | 82.2 | 25.0 | 16.5 | 2.6 | 0 | 0 | 31 |
| February | 0 | 0 | 4 | 22 | 1 | 1 | 0 | 0 | 0 | 22 | 6 | 0 | 6 | 9.9 | 96.3 | 5,6,27 | 69.0 | 5 | 94.5 | 71.8 | 83.1 | 27.3 | 9.9 | 22.7 | 0 | 3 | 25 |
| March | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 0 | 0 | 25 | 6 | 0 | 2 | 2.3 | 96.4 | 2 | 69.0 | 5,17 | 94.0 | 71.3 | 82.7 | 25.9 | 9.8 | 22.6 | 0 | 9 | 22 |
| April | 0 | 0 | 8 | 21 | 0 | 0 | 0 | 0 | 1 | 9 | 0 | 0 | 11.9 | 7.2 | 96.4 | 9 | 65.3 | 0 | 93.2 | 69.9 | 81.5 | 28.9 | 18.1 | 23.3 | 0 | 12 | 18 |
| May | 0 | 0 | 6 | 24 | 1 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 12 | 15.9 | 96.4 | 7 | 65.2 | 4, 9 | 94.6 | 69.2 | 81.9 | 28.9 | 20.9 | 25.4 | 0 | 8 | 23 |
| June | 0 | 0 | 8 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 8 | 0 | 16 | 17.2 | 96.4 | 21 | 69.0 | often | 94.9 | 70.3 | 82.6 | 27.3 | 21.0 | 24.6 | 0 | 9 | 21 |
| July | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 | 0 | 25 | 6 | 0 | 11.4 | 13.0 | 96.5 | 13 | 68.0 | 19,30 | 94.5 | 70.5 | 82.5 | 27.3 | 20.9 | 23.9 | 0 | 4 | 27 |
| August | 0 | 0 | 9 | 22 | 0 | 0 | 0 | 0 | 0 | 21 | 10 | 0 | 13.2 | 15.9 | 95.4 | 1 | 54.2 | 4 | 86.8 | 63.9 | 75.3 | 29.2 | 16.8 | 22.9 | 0 | 3 | 18 |
| September | 0 | 0 | 6 | 24 | 0 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 7.2 | 24.2 | 94.3 | 16 | 65.0 | 19,30 | 90.6 | 68.4 | 79.5 | 25.3 | 19.0 | 22.2 | 0 | 1 | 29 |
| October | 0 | 0 | 6 | 25 | 0 | 0 | 0 | 0 | 0 | 23 | 8 | 0 | 13.4 | 24.2 | 93.5 | 24 | 64.0 | 14,19 | 90.9 | 67.0 | 78.9 | 28.1 | 20.0 | 23.9 | 0 | 1 | 30 |
| November | 0 | 0 | 6 | 24 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 13.9 | 25.7 | 93.3 | 9 | 64.0 | 5,20 | 90.7 | 67.3 | 79.0 | 28.0 | 20.0 | 23.4 | 0 | 0 | 30 |
| December | 0 | 0 | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 22 | 9 | 0 | 13.6 | 26.6 | 95.3 | 8,26 | 65.0 | 3 | 92.4 | 68.9 | 80.7 | 28.3 | 19.3 | 23.9 | 0 | 0 | 31 |
| Year | 0 | 0 | 78 | 281 | 4 | 1 | 0 | 0 | 1 | 264 | 100 | 0 | 12.6 | 20.0 | 96.5 | July 13 | 54.2 | Aug. 14 | 92.5 | 69.2 | 80.8 | 29.2 | 16.5 | 23.3 | 0 | 60 | 305 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MACHAKOS 1946.

Lat.: 1° 31'S Long.: 37° 17'E Alt.: 5500 feet Standard Time 3h 00m East Reference Number 91.37/41

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 65.7 | - | 57.9 | - | .484 | - | .154 | - | 76 | - | 4.3 | 5.1 | 7 | 3 | 13 | 7 | 1 | 3.8 | 0.15 | 0.11 | 2 | 2 | 0 |
| February | - | - | 64.9 | - | 55.9 | - | .452 | - | .168 | - | 73 | - | 5.6 | 6.0 | 0 | 6 | 11 | 11 | 0 | 19.8 | 0.78 | 0.78 | 27 | 1 | 0 |
| March | - | - | 65.1 | - | 59.5 | - | .514 | - | .112 | - | 82 | - | 5.3 | 7.0 | 1 | 9 | 7 | 14 | 0 | 35.1 | 1.38 | 1.17 | 1 | 4 | 0 |
| April | - | - | 65.6 | - | 61.7 | - | .555 | - | .083 | - | 87 | - | 8.0 | 7.9 | 0 | 1 | 1 | 24 | 2 | 211.6 | 8.33 | 2.02 | 14 | 12 | 0 |
| May | - | - | 64.8 | - | 60.8 | - | .537 | - | .080 | - | 87 | - | 7.3 | 7.6 | 0 | 3 | 4 | 19 | 5 | 76.5 | 3.01 | 1.76 | 1 | 9 | 0 |
| June | - | - | 65.0 | - | 59.5 | - | .514 | - | .106 | - | 83 | - | 6.7 | 6.3 | 0 | 1 | 9 | 18 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | - | - | 59.8 | - | 55.2 | - | .440 | - | .077 | - | 85 | - | 7.5 | 7.7 | 0 | 2 | 9 | 10 | 10 | 2.0 | 0.08 | 0.08 | 30 | 1 | 0 |
| August | - | - | 60.7 | - | 55.6 | - | .446 | - | .089 | - | 83 | - | 8.7 | 8.5 | 0 | 0 | 5 | 9 | 17 | 0.8 | 0.03 | 0.03 | 23 | 1 | 0 |
| September | - | - | 60.3 | - | 55.2 | - | .440 | - | .086 | - | 84 | - | 8.3 | 7.0 | 0 | 0 | 7 | 8 | 15 | 47.8 | 1.88 | 0.49 | 25 | 8 | 0 |
| October | - | - | 63.5 | - | 59.0 | - | .502 | - | .089 | - | 85 | - | 7.5 | 6.8 | 1 | 1 | 9 | 9 | 11 | 111.5 | 4.39 | 1.34 | 26 | 9 | 0 |
| November | - | - | 63.7 | - | 60.8 | - | .537 | - | .057 | - | 90 | - | 7.3 | 6.5 | 1 | 1 | 8 | 12 | 8 | 132.1 | 5.20 | 1.35 | 3 | 19 | 0 |
| December | - | - | 65.9 | - | 60.8 | - | .537 | - | .104 | - | 84 | - | 5.5 | 4.9 | 10 | 0 | 6 | 8 | 7 | 105.4 | 4.15 | 0.74 | 25 | 12 | 0 |
| Year | - | - | 63.7 | - | 58.5 | - | .497 | - | .100 | - | 83 | - | 6.8 | 6.8 | 20 | 27 | 89 | 149 | 78 | 746.4 | 29.38 | 2.02 | Apr. 14 | 78 | 0 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 0 | 18 | 10 | 2 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 5.4 | 4.7 | 85.0 | 30 | 53.0 | 31 | 79.6 | 57.4 | 68.5 | 28.0 | 16.0 | 22.2 | 0 | 0 | 31 |
| February | 4 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 0 | 0 | 3.8 | 5.8 | 87.5 | 21 | 53.2 | 19 | 82.5 | 56.8 | 69.7 | 31.6 | 21.2 | 25.7 | 0 | 0 | 28 |
| March | 9 | 1 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 3.1 | 6.5 | 85.5 | 15 | 52.5 | 5 | 82.4 | 58.5 | 70.5 | 30.5 | 18.0 | 23.9 | 0 | 2 | 29 |
| April | 3 | 0 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 4.5 | 4.5 | 83.2 | 4 | 57.5 | 14 | 79.3 | 59.8 | 69.5 | 24.8 | 8.0 | 20.1 | 0 | 3 | 25 |
| May | 5 | 0 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 3.8 | 5.6 | 79.0 | often | 53.3 | 31 | 75.6 | 58.2 | 66.9 | 23.2 | 9.5 | 17.4 | 0 | 1 | 30 |
| June | 9 | 0 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 3.6 | 4.0 | 84.5 | 15,16 | 51.8 | 21 | 78.9 | 57.9 | 68.4 | 25.7 | 15.8 | 21.0 | 0 | 1 | 29 |
| July | 4 | 1 | 13 | 12 | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 4.0 | 5.1 | 78.7 | 7 | 49.2 | 4 | 72.6 | 54.3 | 63.5 | 29.1 | 8.9 | 18.2 | 0 | 4 | 27 |
| August | 1 | 0 | 21 | 9 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 6.7 | 6.9 | 78.0 | 23 | 50.0 | often | 71.7 | 54.3 | 63.0 | 25.0 | 4.0 | 17.4 | 0 | 1 | 30 |
| September | 1 | 0 | 20 | 8 | 0 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 5.1 | 8.1 | 79.2 | 15 | 50.0 | 1 | 74.9 | 55.2 | 65.1 | 28.0 | 11.0 | 19.3 | 0 | 2 | 28 |
| October | 0 | 0 | 18 | 10 | 2 | 0 | 0 | 0 | 1 | 29 | 1 | 0 | 4.3 | 4.7 | 86.2 | 10 | 50.2 | 1 | 79.0 | 57.0 | 68.0 | 29.9 | 11.5 | 21.3 | 0 | 5 | 26 |
| November | 1 | 3 | 13 | 9 | 1 | 0 | 0 | 0 | 3 | 27 | 0 | 0 | 4.0 | 5.8 | 85.0 | 22 | 57.4 | 19 | 76.2 | 59.7 | 68.0 | 24.5 | 10.1 | 16.5 | 1 | 6 | 23 |
| December | 0 | 4 | 16 | 11 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 9.8 | 12.8 | 79.9 | 19 | 54.9 | 18 | 75.9 | 58.2 | 67.1 | 23.1 | 10.8 | 17.8 | 0 | 2 | 29 |
| Year | 38 | 9 | 214 | 90 | 6 | 0 | 0 | 1 | 5 | 350 | 8 | 0 | 4.8 | 6.2 | 87.5 | Feb. 21 | 49.2 | July 4 | 77.4 | 57.3 | 67.3 | 31.6 | 4.0 | 20.1 | 1 | 27 | 335 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAGADI, 1946.

Lat.: 1° 53'S  Long.: 36° 17'E  Alt.: 2010 feet  Standard Time 3h 00m East  Reference Number 91.36/56

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. ins. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 27.897 | 27.708 | 80.9 | 97.3 | 59.4 | 56.[illegible] | .511 | .455 | .555 | .329 | 48 | 25 | 2.3 | 5.0 | 3 | 21 | 5 | 2 | 0 | 17.5 | 0.69 | 0.61 | 11 | 3 | 1 |
| February | 27.870 | 27.673 | 81.5 | 100.5 | 57.9 | 52.5 | .484 | .399 | .600 | .568 | 45 | 20 | 2.2 | 3.8 | 8 | 3 | 5 | 1 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | 27.876 | 27.684 | 82.3 | 97.9 | 61.9 | 57.7 | .558 | .481 | .552 | .333 | 50 | 27 | 4.4 | 5.5 | 1 | 13 | 4 | 13 | 0 | 57.4 | 2.26 | 0.58 | 1 | 6 | 0 |
| April | 27.900 | 27.746 | 80.7 | 92.5 | 66.0 | 63.7 | .647 | .594 | .413 | .942 | 61 | 39 | 7.2 | 7.4 | 0 | 1 | 7 | 22 | 0 | 56.9 | 2.24 | 0.59 | 25 | 13 | 2 |
| May | 27.946 | 27.814 | 79.0 | 90.7 | 64.4 | 63.5 | .608 | .591 | .390 | .862 | 61 | 41 | 6.7 | 5.7 | 0 | 5 | 5 | 20 | 1 | 12.7 | 0.50 | 0.25 | 26 | 6 | 0 |
| June | 28.012 | 27.870 | 77.2 | 89.7 | 58.6 | 58.5 | .496 | .493 | .443 | .919 | 53 | 35 | 5.2 | 4.9 | 0 | 11 | 5 | 14 | 0 | 2.0 | 0.08 | 0.08 | 3 | 1 | 0 |
| July | 28.000 | 27.876 | 75.8 | 87.9 | 56.5 | 56.8 | .461 | .467 | .437 | .868 | 51 | 35 | 6.7 | 5.5 | 2 | 3 | 5 | 21 | 0 | 0.0 | 0.00 | 0.00 | 0 | 0 | 0 |
| August | 28.003 | 27.873 | 76.7 | 87.3 | 57.9 | 58.[illegible] | .484 | .487 | .440 | .818 | 52 | 37 | 8.1 | 6.5 | 0 | 2 | | 24 | 4 | 0.3 | 0.01 | 0.01 | 2 | 1 | 0 |
| September | 27.983 | 27.823 | 77.[illegible] | 89.7 | 60.3 | 59.4 | .526 | .511 | .416 | .901 | 56 | 36 | 7.2 | 5.7 | 0 | 2 | 6 | 22 | 0 | 23.9 | 0.94 | 0.47 | 18 | 5 | 0 |
| October | 27.929 | 27.743 | 80.4 | 93.0 | 6[illegible].5 | 59.9 | .552 | .520 | .496 | .043 | 53 | 33 | 6.[illegible] | 5.9 | 0 | 7 | 5 | 19 | 0 | 40.6 | 1.60 | 0.44 | 9 | 10 | 0 |
| November | 27.89[illegible] | 27.708 | 81.2 | 93.9 | 64.2 | 60.8 | .605 | .537 | .467 | .070 | 56 | 33 | 5.[illegible] | 6.2 | 0 | 9 | 10 | 11 | 0 | 23.1 | 0.91 | 0.32 | 9 | 6 | 0 |
| December | 27.882 | 27.717 | 79.6 | 93.3 | 63.5 | 61.5 | .593 | .549 | .425 | 1.031 | 58 | 35 | 3.4 | 5.3 | 1 | 18 | 5 | 7 | 0 | 70.4 | 2.77 | .02 | 10 | 5 | 0 |
| Year | 27.932 | 27.770 | 79.4 | 92.8 | 6[illegible].0 | 59.0 | .544 | .507 | .469 | 1.057 | 54 | 33 | 5.4 | 5.6 | 15 | 105 | 63 | 176 | 6 | 304.8 | 12.00 | 1.02 | Dec. 10 | 56 | 3 |

@ At station levels corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F | F. | F. | F. | | | |
| January | 2 | 9 | 0 | [illegible] | 0 | 5 | 7 | 7 | 0 | 31 | 0 | 0 | 4.9 | 7.2 | 105. | 30 | 70 | 12 | 80.0 | 76.1 | 88.5 | 29.1 | 19.0 | 24.9 | 0 | 0 | 31 |
| February | 3 | 6 | [illegible] | [illegible] | 0 | [illegible] | 2 | 3 | | 26 | 1 | 0 | 4.7 | 6.3 | 107.2 | 25 | 75.0 | 5,19 | 104.3 | 77.4 | 90 9 | 29 9 | 19.1 | 26.9 | 0 | 0 | 28 |
| March | 3 | 13 | 5 | [illegible] | 1 | 2 | 0 | 6 | 0 | 31 | 0 | 0 | 5.1 | 6.7 | 107.[illegible] | 14 | 70. | 2 | 101.8 | 77.4 | 89.6 | 29.0 | 17.7 | 24.3 | 0 | 0 | 31 |
| April | | 0 | 7 | 2 | 3 | 6 | 0 | | 0 | 30 | 0 | 0 | 6.0 | 6.3 | 102.6 | 6 | 71.0 | 22 | 96.0 | 76.5 | 86.3 | 24 8 | 11 3 | 19.4 | 0 | 0 | 30 |
| May | 2 | 4 | | 4 | [illegible] | 8 | 0 | [illegible] | 0 | 3 | 0 | 0 | 5.1 | 5.6 | 96.5 | 12 | 71 9 | 28 | 93.5 | 75 5 | 84.5 | 21 5 | 13 [illegible] | 17.9 | 0 | 0 | 31 |
| June | 0 | 2 | 6 | 2 | 0 | 9 | 0 | 0 | 1 | 29 | 0 | 0 | 5.8 | 5.6 | 96.[illegible] | 6 | 70 5 | 25 | 92.6 | 74 0 | 83.3 | 22 3 | 14 3 | 18.6 | 0 | 0 | 30 |
| July | 0 | 0 | 2[illegible] | 5 | 1 | 4 | 0 | 0 | 0 | 31 | 0 | 0 | 7.2 | 5.6 | 94.2 | 18 | 70.2 | 3[illegible] | 90.8 | 73.0 | 81.9 | 22.6 | 12.[illegible] | 17.8 | 0 | 0 | 31 |
| August | 0 | 1 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 7.8 | 5.1 | 95.8 | 22,27 | 70.0 | 8 | 91.1 | 73 5 | 82.3 | 24 5 | 10.7 | 17.5 | 0 | 0 | 31 |
| September | 0 | 1 | 20 | 5 | 0 | 1 | 1 | 2 | 0 | 30 | 0 | 0 | 6.7 | 6.5 | 98.0 | 18 | 70 0 | 1 | 93.7 | 73.4 | 83 5 | 24.8 | 4.6 | 20.3 | 0 | 0 | 30 |
| October | 1 | 1 | 8 | 1 | 0 | 3 | 1 | 6 | 0 | 31 | 0 | 0 | 5.6 | 5.1 | 102.5 | 19 | 70.0 | 10,29 | 97 1 | 75.3 | 86.2 | 28 0 | 10.4 | 21 8 | 0 | 0 | 31 |
| November | 3 | 4 | 8 | 0 | 0 | 4 | 4 | 7 | 0 | 30 | 0 | 0 | 3.6 | 7.2 | 102.5 | 23 | 71.0 | 2 | 97.5 | 75.8 | 86.7 | 28.5 | 14.3 | 21.6 | 0 | 0 | 30 |
| December | 5 | 3 | 2 | 1 | 1 | 6 | 4 | 9 | 0 | 31 | 0 | 0 | 4.7 | 6.0 | 102.4 | 29 | 68.5 | 10 | 97.2 | 75.2 | 86 2 | 27.3 | 15.6 | 22.0 | 0 | 0 | 31 |
| Year | 20 | 44 | 136 | 36 | 7 | 49 | 19 | 52 | 2 | 362 | 1 | 0 | 5.6 | 6.1 | 107.2 | Feb. 25 | 68.5 | Dec. 10 | 96.4 | 75.3 | 85.8 | 29.9 | 10.4 | 21.8 | 0 | 0 | 365 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAKINDU METEOROLOGICAL STATION 1946.

Lat.: 2° 17'S Long.: 37° 50'E Alt.: 3280 feet Standard Time 3h 00m East Reference Number 92.37/00.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 3 | 4-6 | 7-9 | 10 | Rainfall Total mm | Rainfall Total ins. | Rainfall Max Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins | ins | F | F | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 68.5 | 83.5 | 62.8 | 59.0 | .576 | .505 | .24 | .650 | 82 | 44 | 8.0 | 6.3 | | 2 | 2 | 18 | 8 | 17.8 | 0.70 | 0.70 | 2 | | 0 |
| February | | | 69.5 | 87.9 | 62 | 54.7 | .56 | .43 | .77 | .904 | 76 | 32 | 6.2 | 4.5 | 6 | 4 | | 10 | 7 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 70.6 | 87.3 | 65.2 | 57.4 | .59 | .475 | 62 | .830 | 78 | 36 | 6.8 | 5.7 | 0 | 6 | 5 | 4 | 6 | 30.7 | 2 | 2 | | | |
| April | | | 7.2 | 85.6 | 65.3 | 62.2 | .629 | .564 | .42 | .605 | 82 | 48 | 7.9 | 7.0 | 0 | | 6 | 20 | 3 | 107.9 | 4.25 | 2.0 | 3 | 9 | 6 |
| May | | | 69.6 | 82.2 | 62.2 | 59.9 | .564 | .520 | .65 | .602 | 77 | 46 | 5.8 | 7.5 | | 9 | 6 | 5 | 2 | 5.8 | 0.23 | 0 | 6 | 3 | 0 |
| June | | | 66.2 | 81.6 | 58.6 | 55.8 | .496 | .449 | 63 | 64 | 76 | 4 | 5.9 | 7.5 | | 6 | 8 | 14 | | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| July | | | 64.3 | 79.6 | 56.8 | 53.2 | .467 | .408 | 4 | .608 | 77 | 40 | 5.5 | 7.3 | 2 | 8 | 7 | 3 | | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | | | 65.0 | 78.8 | 57.4 | 54.3 | .475 | .425 | 45 | .567 | 77 | 43 | 7.2 | 8.5 | 0 | 6 | 2 | 8 | 5 | 8 | 0.07 | 0.04 | 22 | 2 | 0 |
| September | | | 66.0 | 79.5 | 59.0 | 56.7 | .502 | .464 | .42 | .552 | 78 | 46 | 7.0 | 7.6 | 0 | 8 | 2 | | 9 | 28.7 | 1.13 | 0.38 | 2 | 7 | 0 |
| October | | | 68.8 | 85.9 | 63.5 | 56. | .546 | .455 | .63 | 7.4 | 77 | 39 | 6.6 | 5.7 | | 6 | 5 | 4 | 5 | 49.0 | 1.93 | 0.68 | 30 | 8 | |
| November | | | 67.6 | 80.9 | 64.8 | 62.2 | .617 | .564 | .12 | .502 | 85 | 53 | 8.2 | 6.4 | 0 | 2 | 3 | 16 | 9 | 78.0 | 3.07 | 0.85 | 7 | 5 | 0 |
| December | | | 69.3 | 81.6 | 65.1 | 62.8 | .626 | .576 | .095 | .514 | 87 | 53 | 8.0 | 5.9 | 1 | 3 | 0 | 23 | 4 | 70.4 | 2.77 | 0.69 | 11 | 12 | 4 |
| Year | | | 68 | 82.6 | 6.6 | 57.9 | .524 | .486 | .44 | .64 | 79 | 43 | 6.9 | 6.7 | 13 | 6 | 47 | 84 | 60 | 390. | 3.36 | 2.0 | Apr. 2 | 58 | 2 |

@ At station levels corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 3 | 4-7 | >7 | Mean Wind Velocity h 8.30 m.p.h. | h 14.30 m.p.h. | Extremes of Temperature at the A... Max F | Date | Min F | Date | Mean Max F | Mean Min F | ½(Max+Min) F | Range Max F | Range Min F | Range Mean F | Frequency of Visibility at 8.30 Fog | Mist | Good V... |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 1 | 6 | 8 | 2 | 0 | | | 3 | 0 | 3 | 0 | 0 | 5.6 | 9.8 | 89.9 | 7 | 58.2 | 10 | 86.0 | 62.5 | 74 | 31.4 | 5.9 | 23.7 | 0 | | 30 |
| February | 2 | 6 | 8 | | 2 | 2 | | 5 | | 26 | | 0 | 4.3 | 4 | 94.3 | 20 | 58.5 | 9 | 90 | 62.9 | 76.5 | 35.7 | 6.5 | 27.2 | 0 | 1 | 27 |
| March | 4 | 5 | 6 | 5 | 2 | 2 | 3 | 3 | | 30 | 0 | 0 | 4.7 | 9.2 | 93 | 20 | 60.3 | 2 | 89 | 64.2 | 76.7 | 31.2 | 6.2 | 24.9 | 0 | 0 | 3 |
| April | 5 | 7 | 6 | 2 | 2 | 3 | 2 | 1 | 2 | 27 | | 0 | 4.5 | 8.5 | 90.8 | 3 | 62.3 | 29 | 86.2 | 66.4 | 76.3 | 27.0 | 2.8 | 9.8 | 0 | 0 | 30 |
| May | 6 | 4 | 2 | 5 | | 2 | 3 | 8 | 0 | 7 | 0 | 0 | 4.3 | 9.2 | 87.3 | 0.1 | 56.4 | .. | 84.6 | 62. | 73.5 | 30.9 | 5.6 | 22.7 | 0 | 0 | 3 |
| June | 0 | 4 | 0 | 1 | 1 | 1 | 3 | 8 | 2 | 28 | 0 | 0 | 4.2 | 7.8 | 86.4 | 5 | 53.5 | 25 | 83.5 | 58.6 | 71.1 | 31.2 | 6.4 | 24.9 | 0 | 0 | 30 |
| July | 8 | 5 | | 2 | 0 | | 2 | 2 | 0 | 31 | 0 | 0 | 4.5 | 8.5 | 85.8 | 9 | 52.9 | 7 | 81.6 | 56.0 | 69.1 | 31.5 | 5.0 | 25.1 | 0 | 0 | 3 |
| August | 8 | 8 | 6 | 2 | 0 | 2 | 1 | 4 | 0 | 31 | 0 | 0 | 5.1 | 9.6 | 85.4 | 26 | 52.1 | 31 | 80.3 | 58.4 | 69.3 | 30.3 | 10.8 | 21.9 | 0 | 0 | 31 |
| September | 7 | 2 | 0 | 4 | 1 | 0 | 0 | 4 | 2 | 28 | 0 | 0 | 4.5 | 9.6 | 86.8 | 20 | 53.2 | 1 | 81.2 | 60 | 70.7 | 32.8 | 12.3 | 21.3 | 0 | 0 | 30 |
| October | 5 | 4 | 8 | 7 | 2 | 3 | 0 | 1 | 1 | 30 | 0 | 0 | 4.5 | 8.5 | 89.8 | 16 | 55.8 | 2. | 86.7 | 62.3 | 74.1 | 33.6 | 14.0 | 23.2 | 0 | 0 | 3 |
| November | 5 | 10 | 7 | 3 | 1 | 1 | 2 | 1 | 0 | 30 | 0 | 0 | 5.4 | 7.6 | 87.4 | 23 | 61.6 | 2 | 93.2 | 64.7 | 74.0 | 24.9 | 12.8 | 16.5 | 0 | 1 | 29 |
| December | 6 | 10 | 6 | 1 | 4 | 0 | 3 | 0 | 1 | 30 | 0 | 0 | 4.9 | 8.7 | 87.9 | 9 | 59.2 | 4 | 83.9 | 64.3 | 74 | 26.2 | 14.3 | 9.5 | 0 | 1 | 30 |
| Year | 67 | 81 | 68 | 35 | 16 | 18 | 20 | 50 | 10 | 353 | 2 | 0 | 4.7 | 9.0 | 94.3 | Feb 20 | 5.5 | Aug 3 | 84.6 | 6.9 | 73.3 | 33.7 | 10.8 | 22.7 | 0 | 4 | 36. |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MALINDI 1946.

Lat.: 3° 13'S Long.: 40° 07'E Alt.: 33 feet Standard Time 3h 00m East Reference Number 93.40/04.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall in 24hrs | Date | Rain | Thun-der. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | - | - | 80.4 | 85.1 | 72.1 | 73.2 | .794 | .824 | .254 | .393 | 76 | 68 | 6.9 | 3.9 | 0 | 0 | 10 | 19 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | - | - | 80.3 | 84.4 | 72.5 | 73.6 | .803 | .833 | .239 | .357 | 77 | 70 | 6.8 | 3.5 | 0 | 0 | 13 | 12 | 3 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 82.2 | 86.5 | 73.2 | 73.9 | .827 | .845 | .283 | .431 | 74 | 66 | 5.7 | 3.4 | 0 | 0 | 21 | 10 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| April | - | - | 84.1 | 88.6 | 75.0 | 75.9 | .874 | .901 | .301 | .457 | 74 | 66 | 5.9 | 5.4 | 0 | 0 | 22 | 8 | 0 | 22.4 | 0.88 | 0.29 | 23 | 7 | 0 |
| May | - | - | 80.2 | 83.3 | 74.1 | 74.5 | .848 | .859 | .194 | .290 | 81 | 75 | 6.2 | 5.8 | 0 | 1 | 16 | 12 | 2 | 450.1 | 17.72 | 6.43 | 18 | 15 | 0 |
| June | - | - | 79.7 | 81.6 | 72.5 | 73.0 | .803 | .818 | .219 | .272 | 79 | 75 | 6.2 | 5.5 | 0 | 1 | 18 | 9 | 2 | 145.3 | 5.72 | 2.13 | 27 | 11 | 0 |
| July | - | - | 77.5 | 80.9 | 71.4 | 72.0 | .777 | .788 | .177 | .278 | 81 | 74 | 5.8 | 5.8 | 0 | 0 | 21 | 10 | 0 | 25.7 | 1.01 | 0.27 | 10 | 13 | 0 |
| August | - | - | 78.0 | 81.4 | 71.8 | 73.4 | .786 | .830 | .183 | .248 | 81 | 77 | 6.3 | 5.8 | 0 | 0 | 21 | 7 | 3 | 186.2 | 7.33 | 2.65 | 23 | 14 | 0 |
| September | - | - | 78.1 | 81.2 | 72.3 | 73.8 | .800 | .839 | .169 | .233 | 83 | 78 | 6.7 | 5.6 | 0 | 0 | 11 | 17 | 2 | 397.8 | 15.66 | 7.09 | 21 | 13 | 0 |
| October | - | - | 79.2 | 83.4 | 73.4 | 73.8 | .830 | .842 | .174 | .313 | 83 | 73 | 5.5 | 4.5 | 0 | 4 | 18 | 9 | 0 | 21.3 | 0.84 | 0.31 | 22 | 7 | 0 |
| November | - | - | 82.7 | 86.0 | 74.1 | 75.2 | .850 | .883 | .281 | .369 | 75 | 71 | 4.9 | 3.6 | 0 | 5 | 22 | 3 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| December | - | - | 81.7 | 85.2 | 74.8 | 75.4 | .868 | .889 | .222 | .337 | 80 | 73 | 5.8 | 4.0 | 0 | 0 | 19 | 12 | 0 | 111.8 | 4.40 | 1.30 | 9 | 6 | 0 |
| Year | - | - | 80.3 | 84.0 | 73.1 | 74.0 | .822 | .846 | .225 | .331 | 79 | 72 | 6.1 | 4.7 | 0 | 11 | 212 | 128 | 14 | 1360.6 | 53.56 | 7.09 | Sept 21 | 86 | 0 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 15 | 4 | 0 | 0 | 2 | 0 | 10 | 0 | 0 | 30 | 1 | 0 | 5.6 | 10.5 | 88.9 | 14 | 69.5 | 26 | 86.3 | 73.4 | 79.9 | 16.4 | 7.4 | 12.9 | 0 | 31 | 0 |
| February | 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 3.8 | 8.7 | 86.9 | 4,18,25 | 70.0 | 7 | 86.0 | 73.8 | 79.9 | 15.9 | 7.7 | 12.2 | 0 | 28 | 0 |
| March | 17 | 5 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.4 | 11.6 | 92.5 | 27 | 71.2 | 11,19 | 87.8 | 73.9 | 80.9 | 19.7 | 7.5 | 13.9 | 0 | 31 | 0 |
| April | 1 | 0 | 0 | 6 | 19 | 3 | 0 | 1 | 0 | 27 | 3 | 0 | 7.6 | 12.5 | 93.2 | 3 | 71.2 | 15 | 90.8 | 76.0 | 83.4 | 20.0 | 9.5 | 14.8 | 0 | 30 | 0 |
| May | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 8.3 | 12.3 | 88.0 | 13 | 70.5 | 19 | 85.5 | 74.2 | 79.9 | 15.6 | 2.4 | 11.3 | 0 | 31 | 0 |
| June | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 9.6 | 12.5 | 86.2 | 16 | 70.9 | 28 | 83.4 | 73.3 | 78.3 | 13.7 | 3.5 | 10.0 | 0 | 30 | 0 |
| July | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 25 | 6 | 0 | 8.7 | 13.4 | 88.5 | 23 | 67.9 | 24 | 82.7 | 71.7 | 77.2 | 16.1 | 7.1 | 11.1 | 0 | 31 | 0 |
| August | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 8.3 | 11.4 | 88.0 | 14 | 68.5 | 23 | 82.8 | 71.6 | 77.2 | 15.6 | 8.5 | 11.2 | 0 | 31 | 0 |
| September | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 7.2 | 11.0 | 86.8 | 20 | 67.0 | 14 | 83.1 | 71.6 | 77.3 | 17.9 | 3.0 | 11.5 | 0 | 30 | 0 |
| October | 0 | 2 | 0 | 14 | 15 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.6 | 8.9 | 87.5 | 29 | 65.0 | 21 | 85.4 | 70.9 | 78.1 | 20.6 | 10.0 | 14.5 | 0 | 31 | 0 |
| November | 14 | 2 | 0 | 9 | 5 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 5.1 | 7.6 | 90.5 | 27 | 68.4 | 2 | 88.0 | 73.1 | 80.5 | 19.1 | 11.5 | 15.0 | 0 | 30 | 0 |
| December | 22 | 3 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 31 | 0 | 0 | 5.4 | 9.8 | 90.0 | 6 | 71.8 | 17 | 87.1 | 74.3 | 80.7 | 16.5 | 9.0 | 12.7 | 0 | 25 | 6 |
| Year | 96 | 17 | 0 | 62 | 175 | 3 | 11 | 1 | 0 | 337 | 28 | 0 | 6.7 | 10.9 | 93.2 | Apr. 3 | 65.0 | Oct. 21 | 85.7 | 73.1 | 79.4 | 20.6 | 2.4 | 12.6 | 0 | 359 | 6 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MANDERA D.C. 1946.

Lat.: 3° 57'N Long.: 41° 52'E Alt.: 1085 feet Standard Time 3h 00m East Reference Number 86.41/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | | Thun |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 78.1 | 92.3 | 60.8 | 60.1 | .537 | .523 | .432 | 1.004 | 55 | 34 | 1.4 | 1.9 | 23 | 2 | 2 | 3 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | | | 79.4 | 94.0 | 65.5 | 62.2 | .635 | .564 | .375 | 1.043 | 63 | 35 | 0.3 | 0.3 | 26 | 1 | 0 | 1 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 81.9 | 96.7 | 66.7 | 64.4 | .661 | .611 | .438 | .544 | 60 | 35 | 2.1 | 3.7 | 22 | 0 | 3 | 4 | 2 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| April | | | 81.4 | 92.5 | 70.7 | 69.4 | .756 | .726 | .322 | .810 | 70 | 47 | 7.1 | 7.9 | 3 | 1 | 3 | 18 | 5 | 57.7 | 2.27 | 1.07 | 13 | 5 | 0 |
| May | | | 81.9 | 94.0 | 69.1 | 67.6 | .718 | .682 | .372 | .925 | 66 | 42 | 6.1 | 7.5 | 4 | 4 | 7 | 7 | 9 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| June | | | 79.8 | 91.1 | 65.1 | 65.3 | .623 | .629 | .405 | .842 | 61 | 43 | 6.0 | 7.4 | 3 | 3 | 8 | 12 | 4 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| July | | | 77.3 | 89.5 | 63.1 | 61.9 | .582 | .558 | .366 | .839 | 61 | 46 | 7.3 | 7.9 | 1 | 1 | 6 | 16 | 7 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | | | 77.9 | 90.1 | 62.8 | 61.2 | .576 | .543 | .387 | .886 | 60 | 38 | 6.7 | 7.5 | 3 | 0 | 6 | 19 | 3 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| September | | | 78.6 | 90.9 | 64.4 | 62.1 | .611 | .561 | .375 | .901 | 62 | 38 | 6.3 | 7.4 | 6 | 2 | | 19 | 2 | 26.2 | 1.03 | .03 | 22 | 1 | 0 |
| October | | | 78.8 | 90.5 | 67.8 | 67.5 | .688 | .676 | .304 | .768 | 69 | 47 | 6.3 | 7.6 | 5 | 3 | 3 | 16 | 4 | 67.3 | 2.65 | 2.10 | 16 | 4 | 0 |
| November | | | 80.9 | 92.8 | 69.8 | 67.5 | .732 | .679 | .334 | .875 | 69 | 44 | 5.0 | 6.1 | 11 | 0 | 2 | 16 | 1 | 3.3 | 0.13 | 0.13 | 14 | 1 | 0 |
| December | | | 80.2 | 93.4 | 64.9 | 64.2 | .620 | .605 | .422 | .975 | 59 | 38 | 2.5 | 3.4 | 21 | 1 | 2 | 6 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| Year | | | 79.7 | 92.3 | 65.9 | 64.5 | .645 | .613 | .378 | .868 | 63 | 40 | 4.8 | 5.7 | 128 | 18 | 43 | 137 | 39 | 154.5 | 6.08 | 2.10 | Oct 16 | 11 | 0 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.8 | 8.1 | 96.8 | 26,30 | 63.0 | 18 | 84.9 | 70.4 | 82.7 | 31.0 | 18.2 | 24.5 | 0 | 0 | 31 |
| February | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 0 | 0 | 5.4 | 5.6 | 101.0 | 27 | 68.0 | 13 | 97.8 | 73.7 | 85.7 | 29.8 | 20.4 | 24.2 | 0 | 0 | 28 |
| March | 0 | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 7.6 | 6.0 | 102.6 | 21 | 74.5 | 23 | 99.4 | 77.3 | 88.3 | 25.8 | 19.0 | 22.1 | 0 | 0 | 31 |
| April | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 6.9 | 4.9 | 100.0 | 3 | 69.0 | 14 | 95.2 | 77.1 | 86.1 | 25.0 | 13.0 | 18.1 | 0 | 0 | 30 |
| May | 0 | 0 | 3 | 0 | 0 | 22 | 0 | 5 | 1 | 30 | 0 | 0 | 6.0 | 5.8 | 100.0 | 16 | 73.0 | 2 | 96.3 | 76.9 | 86.6 | 23.8 | 11.6 | 19.4 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 25 | 5 | 0 | 9.2 | 10.7 | 96.6 | 5 | 71.0 | 28,29 | 93.4 | 75.2 | 84.3 | 20.2 | 13.2 | 18.1 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 27 | 4 | 0 | 8.7 | 8.7 | 94.0 | 18 | 71.0 | 14 | 91.4 | 73.6 | 82.5 | 21.0 | 12.0 | 17.9 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 0 | 0 | 8.3 | 10.1 | 97.0 | 21 | 69.4 | 1 | 92.1 | 73.8 | 82.9 | 22.6 | 12.0 | 18.3 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 0 | 6.9 | 8.1 | 100.0 | 21 | 71.0 | 23 | 92.7 | 73.6 | 83.1 | 24.0 | 12.0 | 19.2 | 0 | 0 | 30 |
| October | 0 | 0 | 6 | 1 | 0 | 20 | 0 | 0 | 4 | 27 | 0 | 0 | 5.1 | 4.7 | 97.0 | 8 | 69.8 | 18 | 92.9 | 74.1 | 83.5 | 24.0 | 14.2 | 18.8 | 0 | 0 | 31 |
| November | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.9 | 3.4 | 97.0 | 10,30 | 67.0 | 18 | 95.0 | 73.6 | 84.3 | 28.4 | 16.8 | 21.3 | 0 | 0 | 30 |
| December | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 4.5 | 4.7 | 98.0 | 21 | 63.0 | 17 | 95.9 | 71.9 | 83.9 | 32.0 | 19.8 | 24.0 | 0 | 0 | 31 |
| Year | 0 | 3 | 184 | 4 | 0 | 163 | 0 | 5 | 6 | 350 | 9 | 0 | 6.6 | 6.7 | 102.6 | March 21 | 63.0 | Jan.18 Dec.17 | 94.7 | 74.3 | 84.5 | 32.0 | 3.0 | 20.5 | 0 | 0 | 365 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MARALAL 1946.

Lat.: 1° 05'N Long.: 36° 42'E Alt.: 6400 feet Standard Time 3h 00m East Reference Number 88.36/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall in 24hrs | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 58.8 | 70.7 | 46.4 | 47.1 | .316 | .325 | .183 | .434 | 63 | 43 | 2.1 | 5.4 | 15 | 2 | 3 | 2 | 1 | 3.8 | 0.15 | 0.15 | 27 | 1 | 0 |
| February | - | - | 61.3 | 73.2 | 45.5 | 46.6 | .307 | .319 | .239 | .505 | 56 | 39 | 1.1 | 3.9 | 24 | 1 | 0 | 2 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 60.7 | 72.6 | 50.5 | 56.8 | .369 | .467 | .166 | .342 | 69 | 58 | 4.2 | 7.3 | 3 | 15 | 3 | 7 | 0 | 1.8 | 0.07 | 0.07 | 2 | 1 | 0 |
| April | - | - | 62.2 | 71.2 | 56.1 | 60.4 | .455 | .529 | .109 | .242 | 81 | 69 | 6.6 | 7.8 | 5 | 2 | 2 | 20 | 1 | 59.7 | 2.35 | 0.83 | 18 | 6 | 0 |
| May | - | - | 62.2 | 73.3 | 55.0 | 55.6 | .437 | .446 | .127 | .378 | 77 | 54 | 3.3 | 6.3 | 14 | 6 | 1 | 8 | 2 | 57.4 | 2.26 | 0.80 | 2 | 9 | 0 |
| June | - | - | 60.7 | 71.6 | 54.1 | 54.3 | .422 | .425 | .113 | .355 | 79 | 55 | 4.8 | 7.6 | 9 | 2 | 8 | 11 | 0 | 59.9 | 2.36 | 0.53 | 28 | 9 | 0 |
| July | - | - | 58.5 | 69.6 | 53.2 | 56.3 | .408 | .458 | .085 | .271 | 83 | 63 | 5.6 | 6.3 | 6 | 3 | 9 | 11 | 2 | 17.8 | 0.70 | 0.60 | 4 | 3 | 0 |
| August | - | - | 58.6 | 67.1 | 54.5 | 57.4 | .428 | .475 | .068 | .195 | 87 | 71 | 6.6 | 7.3 | 5 | 5 | 1 | 10 | 10 | 130.3 | 5.13 | 0.84 | 7 | 13 | 0 |
| September | - | - | 61.5 | 71.7 | 55.4 | 59.0 | .443 | .502 | .109 | .284 | 80 | 64 | 2.1 | 5.1 | 20 | 3 | 1 | 6 | 0 | 22.6 | 0.89 | 0.33 | 23 | 6 | 0 |
| October | - | - | 63.0 | 73.2 | 57.6 | 61.5 | .478 | .552 | .101 | .272 | 83 | 67 | 5.9 | 5.7 | 17 | 0 | 1 | 11 | 2 | 63.2 | 2.49 | 0.68 | 10 | 9 | 0 |
| November | - | - | 63.1 | 71.7 | 58.1 | 59.7 | .487 | .517 | .095 | .269 | 84 | 66 | 4.1 | 5.5 | 5 | 10 | 6 | 6 | 3 | 43.9 | 1.73 | 0.40 | 4 | 9 | 0 |
| December | - | - | 65.1 | 74.8 | 57.6 | - | .478 | - | .148 | - | 77 | - | 1.6 | 2.1 | 13 | 13 | 4 | 1 | 0 | 2.0 | 0.08 | 0.08 | 23 | 1 | 0 |
| Year | - | - | 61.3 | 71.7 | 53.7 | - | .419 | - | .129 | - | 77 | - | 4.0 | 5.9 | 136 | 62 | 39 | 95 | 22 | 462.4 | 18.21 | 0.84 | Aug. 7 | 67 | 0 |

@ At station level: corrected for temperature and to standard gravity

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | Mean Max. | Mean Min. | ½ Max + Min | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | | | | Max. | Min. | Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 80.0 | often | - | - | 77.4 | - | - | - | - | - | 0 | 0 | 23 |
| February | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 82.0 | often | - | - | 79.9 | - | - | - | - | - | 0 | 1 | 27 |
| March | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 84.0 | 26 | - | - | 80.1 | - | - | - | - | - | 0 | 2 | 26 |
| April | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 81.0 | 23 | - | - | 76.4 | - | - | - | - | - | 1 | 0 | 29 |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 79.0 | 27 | - | - | 75.8 | - | - | - | - | - | 0 | 0 | 31 |
| June | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.0 | often | - | - | 75.0 | - | - | - | - | - | 0 | 0 | 30 |
| July | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 75.0 | 23 | 41.0 | often | 71.4 | 47.2 | 59.3 | 32.0 | 12.0 | 24.2 | 0 | 1 | 30 |
| August | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 74.0 | 24,25 | 40.0 | 22 | 69.9 | 49.7 | 59.8 | 36.0 | 14.3 | 20.2 | 0 | 0 | 31 |
| September | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 76.0 | often | 43.0 | 2,27 | 74.0 | 46.4 | 60.2 | 32.5 | 20.0 | 27.5 | 0 | 0 | 30 |
| October | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.0 | 3, 4 | 42.0 | 2 | 74.8 | 48.5 | 61.7 | 35.0 | 11.0 | 25.9 | 0 | 0 | 31 |
| November | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 77.8 | 24 | 43.5 | 19 | 73.3 | 49.1 | 61.2 | 33.2 | 14.0 | 24.2 | 1 | 0 | 29 |
| December | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.9 | 18 | 40.8 | 14 | 76.1 | 44.8 | 60.5 | 36.5 | 23.1 | 31.3 | 0 | 0 | 31 |
| Year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 84.0 | Mar. 26 | - | - | 75.3 | - | - | - | - | - | 2 | 4 | 348 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MARSABIT, D.C. 1946.

Lat.: 2° 19'N  Long.: 37° 59'E  Alt.: 4413 feet  Standard Time 3h 00m East  Reference Number 87.37/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max Fall | | | Thun- |
| | 7.30 | 13.30 | 7.30 | 13.30 | 7.30 | 13.30 | 7.30 | 13.30 | 7.30 | 13.30 | 7.30 | 13.30 | 7.30 | 13.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mms. | ins. | in 24hrs. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins | ins. | ins | ins | % | % | | | | | | | | | | ins | | | |
| January | - | - | 63.2 | 72.4 | 59.2 | 60.1 | .508 | .523 | .074 | .277 | 87 | 65 | 8.1 | 5.0 | 0 | 6 | 1 | 0 | 24 | 8.1 | 0.32 | 0.18 | 2 | 3 | 0 |
| February | - | - | 63.1 | 75.7 | 59.2 | 59.0 | .508 | .505 | .074 | .393 | 87 | 56 | 8.1 | 3.7 | 0 | 4 | 2 | 2 | 20 | 0.8 | 0.03 | 0.03 | 7 | 1 | 0 |
| March | - | - | 65.0 | 78.9 | 60.1 | 59.9 | .523 | .520 | .097 | .478 | 84 | 52 | 7.4 | 5.8 | 2 | 4 | 3 | 3 | 19 | 7.6 | 0.30 | 0.14 | 18 | 4 | 0 |
| April | - | - | 63.8 | 71.3 | 60.4 | 62.2 | .529 | .564 | .070 | .207 | 88 | 75 | 9.7 | 8.4 | 0 | 0 | 1 | 1 | 28 | 377.9 | 14.88 | 2.64 | 13 | 18 | 0 |
| May | - | - | 64.4 | 75.6 | 60.8 | 6..5 | .537 | .552 | .071 | .340 | 88 | 62 | 8.8 | 6.8 | 0 | 0 | 5 | 6 | 20 | 66.0 | 2.60 | 2.52 | 2 | 2 | 0 |
| June | - | - | 61.9 | 74.1 | 58.6 | 59.4 | .496 | .511 | .062 | .339 | 89 | 60 | 8.0 | 5.5 | 0 | 4 | 3 | 3 | 15 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | - | - | 58.7 | 71.5 | 55.8 | 56.1 | .449 | .455 | .047 | .322 | 90 | 59 | 8.0 | 7.2 | 0 | 7 | 2 | 1 | 21 | 25.1 | 0.99 | 0.65 | 30 | 4 | 0 |
| August | - | - | 58.0 | 70.7 | 54.3 | 56.3 | .425 | .458 | .059 | .301 | 87 | 60 | 8.1 | 6.0 | 0 | 5 | 3 | 2 | 21 | 47.0 | 1.95 | 0.75 | 10 | 10 | 0 |
| September | - | - | 58.9 | 72.6 | 55.4 | 57.9 | .443 | .484 | .056 | .325 | 89 | 60 | 7.5 | 5.8 | 0 | 5 | 4 | 1 | 15 | 66.0 | 2.60 | 1.15 | 24 | 7 | 0 |
| October | - | - | 62.1 | 75.6 | 59.0 | 60.1 | .505 | .523 | .056 | .369 | 90 | 59 | 7.1 | 5.9 | 0 | 3 | 13 | 0 | 15 | 111.8 | 4.40 | 2.85 | 20 | 9 | 0 |
| November | - | - | 63.3 | 74.0 | 60.8 | 62.1 | .537 | .561 | .05 | .284 | 91 | 66 | 9.2 | 6.7 | 0 | 0 | 4 | 1 | 25 | 64.0 | 2.52 | 0.45 | 3 | 14 | 0 |
| December | - | - | 63.7 | 76.4 | 59.5 | 60.4 | .54 | .532 | .080 | .386 | 87 | 58 | 7.1 | 4.7 | 4 | 3 | 3 | 3 | 16 | 10.2 | 0.40 | 0.24 | 24 | 4 | 0 |
| Year | - | - | 62.2 | 74.1 | 58.6 | 59.6 | .498 | .516 | .066 | .335 | 88 | 61 | 8.1 | 6.0 | 6 | 41 | 44 | 23 | 239 | 784.5 | 30.89 | 2.85 | Oct. 20 | 76 | 0 |

@ At station levels corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 7.30h | | | | | | | | | Frequency of Wind Force at 7.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 7.30 | h 13.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 21 | 0 | 9 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 6.7 | 7.4 | 78.4 | 18 | 58.0 | 26 | 74.5 | 59.9 | 67.2 | 19.2 | 6.2 | 14.7 | 18 | 6 | 7 |
| February | 0 | 0 | 24 | 0 | 4 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 5.6 | 8.1 | 87.4 | 28 | 56.0 | 13,17 | 78.7 | 60.5 | 69.6 | 22.0 | 13.6 | 18.3 | 9 | 0 | 9 |
| March | 0 | 0 | 30 | 0 | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 7.4 | 6.7 | 88.0 | 14 | 61.0 | often | 82.1 | 61.9 | 72.0 | 26.0 | 14.4 | 20.1 | 8 | 11 | 12 |
| April | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 6.3 | 5.6 | 81.4 | 5 | 59.4 | 15 | 75.9 | 61.3 | 68.6 | 20.0 | 12.2 | 14.6 | 22 | 6 | 2 |
| May | 0 | 2 | 25 | 3 | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.5 | 8.1 | 80.0 | 31 | - | - | 77.2 | - | - | - | - | - | 14 | 6 | 11 |
| June | 0 | 0 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 5.1 | 6.7 | 80.4 | 2 | 56.0 | 17,26 | 77.7 | 59.3 | 68.5 | 21.0 | 12.0 | 18.4 | 6 | 6 | 13 |
| July | 0 | 0 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.7 | 8.3 | 79.0 | 29 | 54.0 | 17,22 | 75.6 | 56.4 | 66.0 | 23.0 | 15.8 | 19.2 | 14 | 7 | 10 |
| August | 0 | 0 | 30 | 0 | 0 | 1 | 0 | 0 | 0 | 31 | 0 | 0 | 5.8 | 6.0 | 78.4 | 28 | 55.0 | often | 74.0 | 56.5 | 65.3 | 21.6 | 12.0 | 17.6 | 20 | 5 | 6 |
| September | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 2 | 0 | 8.9 | 10.3 | 78.0 | 12,13 | 55.0 | 2,11 | 75.1 | 56.9 | 66.0 | 23.0 | 7.0 | 18.2 | 13 | 8 | 4 |
| October | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.4 | 5.8 | 82.0 | 15,16 | 57.4 | 8 | 77.8 | 59.6 | 68.7 | 24.0 | 12.0 | 18.2 | 15 | 8 | 8 |
| November | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.7 | 5.6 | 80.0 | 20 | 58.0 | 18 | 75.2 | 61.2 | 68.2 | 18.2 | 8.4 | 14.0 | 25 | 0 | 5 |
| December | 0 | 0 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0 | 6.9 | 4.0 | 8 5 | 2. | 57.0 | 19 | 78.0 | 60.8 | 69.4 | 24.4 | 12.0 | 17.4 | 15 | 0 | 14 |
| Year | 0 | 2 | 322 | 12 | 15 | 1 | 0 | 0 | 4 | 349 | 3 | 0 | 6.3 | 6.9 | 88.0 | March 14 | | | 76.8 | | | | | | 179 | 73 | 101 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT PORT REITZ, MOMBASA 1946.

Lat.: 4° 02'S Long.: 39° 37'E Alt.: 200 feet Standard Time 3h 00m East Reference Number 94.39/21.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall | | | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 29.920 | 29.819 | 79.5 | 86.3 | 72.0 | 72.0 | .791 | .788 | .225 | .479 | 78 | 62 | 6.7 | 4.4 | 0 | 0 | 13 | 16 | 2 | 22.6 | 0.89 | 0.75 | 12 | 2 | 0 |
| February | 29.893 | 29.793 | 78.7 | 86.4 | 72.1 | 72.7 | .794 | .809 | .192 | .458 | 80 | 64 | 7.6 | 5.3 | 0 | 1 | 7 | 16 | 4 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | 29.881 | 29.781 | 81.1 | 88.2 | 74.5 | 74.3 | .859 | .853 | .213 | .491 | 80 | 64 | 6.7 | 4.0 | 0 | 3 | 10 | 18 | 0 | 5.6 | 0.22 | 0.14 | 30 | 5 | 0 |
| April | 29.899 | 29.819 | 81.2 | 88.0 | 76.5 | 76.3 | .921 | .915 | .151 | .420 | 86 | 69 | 5.9 | 5.9 | 0 | 5 | 12 | 10 | 3 | 131.6 | 5.18 | 3.88 | 11 | 13 | 1 |
| May | 29.970 | 29.911 | 77.3 | 83.0 | 74.1 | 73.2 | .850 | .824 | .096 | .313 | 90 | 72 | 6.3 | 6.9 | 0 | 6 | 7 | 17 | 1 | 280.4 | 11.04 | 2.90 | 17 | 17 | 0 |
| June | 30.041 | 29.985 | 75.5 | 81.3 | 72.3 | 71.1 | .800 | .765 | .092 | .313 | 90 | 71 | 6.1 | 6.7 | 0 | 6 | 8 | 15 | 1 | 62.7 | 2.47 | 1.04 | 11 | 14 | 0 |
| July | 30.044 | 29.997 | 73.2 | 79.5 | 70.9 | 69.1 | .762 | .715 | .062 | .301 | 92 | 70 | 6.0 | 6.5 | 0 | 5 | 9 | 15 | 2 | 42.7 | 1.68 | 0.34 | 30 | 17 | 0 |
| August | 30.047 | 29.991 | 74.1 | 79.7 | 71.1 | 70.2 | .768 | .741 | .082 | .281 | 90 | 73 | 6.6 | 6.8 | 0 | 5 | 7 | 17 | 2 | 80.8 | 3.18 | 0.56 | 22 | 20 | 0 |
| September | 30.026 | 29.961 | 74.0 | 80.1 | 71.6 | 70.7 | .783 | .756 | .062 | .278 | 93 | 73 | 7.1 | 7.5 | 0 | 4 | 5 | 15 | 6 | 355.9 | 14.01 | 4.34 | 21 | 23 | 0 |
| October | 29.964 | 29.875 | 77.7 | 83.1 | 72.7 | 72.3 | .809 | .800 | .148 | .343 | 84 | 70 | 5.9 | 4.6 | 0 | 6 | 11 | 14 | 0 | 161.5 | 6.36 | 1.60 | 26 | 14 | 0 |
| November | 29.905 | 29.810 | 80.4 | 85.5 | 75.2 | 75.7 | .883 | .895 | .165 | .336 | 84 | 73 | 5.8 | 5.0 | 0 | 4 | 12 | 14 | 0 | 41.4 | 1.63 | 0.57 | 12 | 7 | 0 |
| December | 29.884 | 29.793 | 80.7 | 86.8 | 74.8 | 75.4 | .871 | .889 | .189 | .393 | 82 | 69 | 6.9 | 5.5 | 0 | 2 | 13 | 9 | 7 | 60.2 | 2.37 | 1.13 | 12 | 8 | 1 |
| Year | 29.956 | 29.878 | 77.8 | 84.0 | 73.1 | 72.7 | .824 | .813 | .140 | .367 | 86 | 69 | 6.5 | 5.6 | 0 | 47 | 114 | 176 | 28 | 1245.4 | 49.03 | 4.34 | Sept 21 | 140 | 2 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½(Max.+Min.) | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 30 | 0 | 0 | 4.3 | 11.9 | 91.0 | often | 71.0 | 25,26 | 88.9 | 74.0 | 81.5 | 18.0 | 9.2 | 14.9 | 0 | 0 | 31 |
| February | 15 | 4 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 25 | 0 | 0 | 3.6 | 12.1 | 92.0 | 13 | 72.0 | often | 88.8 | 74.0 | 81.4 | 20.0 | 9.0 | 14.7 | 0 | 0 | 28 |
| March | 18 | 2 | 0 | 0 | 1 | 0 | 0 | 4 | 6 | 25 | 0 | 0 | 2.9 | 11.6 | 93.0 | 27,28 | 72.0 | 8, 9 | 90.6 | 74.9 | 82.7 | 20.0 | 12.0 | 15.6 | 0 | 0 | 31 |
| April | 1 | 0 | 2 | 2 | 11 | 3 | 1 | 0 | 10 | 20 | 0 | 0 | 3.8 | 11.6 | 93.0 | 3 | 71.8 | 12 | 90.0 | 76.5 | 83.3 | 15.9 | 10.2 | 13.5 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 1 | 18 | 9 | 1 | 0 | 2 | 29 | 0 | 0 | 4.7 | 10.7 | 88.0 | 2,11,15 | 71.0 | often | 85.1 | 73.2 | 79.1 | 15.2 | 5.0 | 11.9 | 0 | 1 | 30 |
| June | 0 | 0 | 0 | 1 | 17 | 11 | 1 | 0 | 0 | 27 | 3 | 0 | 6.9 | 14.3 | 87.0 | 2, 4 | 67.8 | 9,24,28 | 83.9 | 71.2 | 77.5 | 17.2 | 9.0 | 12.7 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 6 | 18 | 5 | 2 | 0 | 0 | 31 | 0 | 0 | 4.3 | 11.4 | 84.9 | 29 | 66.0 | 4, 5 | 82.1 | 69.3 | 75.7 | 17.0 | 5.9 | 12.8 | 0 | 2 | 29 |
| August | 0 | 0 | 0 | 3 | 17 | 7 | 2 | 0 | 2 | 27 | 2 | 0 | 4.3 | 10.3 | 85.0 | 9 | 67.0 | 1 | 82.1 | 69.6 | 75.9 | 16.5 | 8.0 | 12.6 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 4 | 13 | 4 | 1 | 0 | 8 | 21 | 1 | 0 | 2.9 | 8.7 | 86.0 | 20 | 67.3 | 1 | 82.1 | 69.9 | 76.0 | 16.2 | 5.4 | 12.2 | 2 | 4 | 24 |
| October | 0 | 0 | 1 | 3 | 8 | 11 | 3 | 0 | 5 | 26 | 0 | 0 | 3.4 | 11.4 | 88.3 | 12 | 68.0 | 2,10 | 85.0 | 71.3 | 78.1 | 18.3 | 7.2 | 13.7 | 0 | 0 | 31 |
| November | 2 | 1 | 1 | 4 | 1 | 1 | 4 | 10 | 6 | 24 | 0 | 0 | 3.1 | 10.5 | 90.0 | often | 71.0 | 1, 2 | 87.6 | 73.9 | 80.7 | 17.0 | 6.8 | 13.7 | 0 | 1 | 29 |
| December | 13 | 0 | 1 | 0 | 1 | 0 | 1 | 9 | 6 | 24 | 1 | 0 | 4.7 | 10.5 | 92.3 | 20 | 67.4 | 3 | 89.6 | 74.0 | 81.8 | 22.0 | 11.0 | 15.6 | 0 | 0 | 31 |
| Year | 72 | 12 | 5 | 24 | 105 | 52 | 18 | 28 | 49 | 309 | 7 | 0 | 4.1 | 11.3 | 93.0 | (1) | 66.0 | July 4, 5 | 86.3 | 72.7 | 79.5 | 22.0 | 5.0 | 13.7 | 2 | 8 | 355 |

(1) Several dates:- 27th and 28th March and 3rd April, 1946

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT RAS-SERANI MOMBASA 1946.

Lat.: 4° 05'S Long.: 39° 41'E Alt.: 30 feet Standard Time 3h 00m East Reference Number 94.39/20.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | | |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | - | - | 79.8 | 81.7 | 72.9 | 74.8 | .815 | .868 | .213 | .222 | 79 | 80 | - | - | - | - | - | - | - | 1.0 | 0.04 | 0.02 | 2,13 | 2 | 0 |
| February | - | - | 78.9 | 80.8 | 73.0 | 74.7 | .818 | .865 | .180 | .195 | 82 | 82 | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | - | - | 81.0 | 83.1 | 74.5 | 75.7 | .862 | .898 | .204 | .245 | 79 | 79 | - | - | - | - | - | - | - | 1.0 | 0.04 | 0.02 | 3, 6 | 2 | 0 |
| April | - | - | 82.2 | 84.1 | 76.6 | 77.5 | .924 | .951 | .186 | .224 | 83 | 81 | - | - | - | - | - | - | - | 132.8 | 5.23 | 3.32 | 11 | 9 | 0 |
| May | - | - | 78.4 | 80.1 | 75.0 | 75.9 | .874 | .901 | .106 | .133 | 89 | 87 | - | - | - | - | - | - | - | 359 9 | 14.17 | 3.27 | 16 | 13 | 0 |
| June | - | - | 76.5 | 78.4 | 73.8 | 74.5 | .839 | .859 | .079 | .121 | 9. | 87 | - | - | - | - | - | - | - | 55.1 | 2.17 | 0.78 | 27 | 11 | 0 |
| July | - | - | 74.9 | 77.3 | 71.6 | 72.5 | .780 | .806 | .091 | .142 | 89 | 85 | - | - | - | - | - | - | - | 51.8 | 2.04 | 0.52 | 13 | 16 | 0 |
| August | - | - | 75.1 | 76.5 | 72.5 | 73.2 | .806 | .824 | .071 | .094 | 92 | 90 | - | - | - | - | - | - | - | 116.8 | 4.60 | 1.58 | 15 | 20 | 0 |
| September | - | - | 75.5 | 77.3 | 73.0 | 73.9 | .821 | .845 | .071 | .103 | 92 | 89 | - | - | - | - | - | - | - | 315.0 | 12.40 | 3.88 | 22 | 19 | 0 |
| October | - | - | 77.9 | 79.6 | 73.9 | 74.5 | .845 | .862 | .118 | .154 | 88 | 85 | - | - | - | - | - | - | - | 115.3 | 4.54 | 1.63 | 26 | 10 | 0 |
| November | - | - | 80.7 | 81.9 | 76.1 | 76.8 | .910 | .927 | .150 | .172 | 86 | 84 | - | - | - | - | - | - | - | 62.5 | 2.46 | 1.33 | 12 | 6 | 0 |
| December | - | - | 81.0 | 83.0 | 75.0 | 76.3 | .877 | .915 | .189 | .222 | 82 | 80 | - | - | - | - | - | - | - | 27.4 | 1.08 | 0.74 | 9 | 6 | 0 |
| Year | - | - | 78.5 | 80.3 | 74.0 | 75.0 | .848 | .877 | .138 | .169 | 86 | 84 | - | - | - | - | - | - | - | 1238.6 | 48.77 | 3.88 | Sept. 22 | 120 | 0 |

@ At station levels: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min | Mean Max + Min | Range Max | Range Min | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 9.4 | 17.9 | 87.0 | 3 | 72.0 | 26,27 | 84.2 | 75.2 | 79.7 | 14.3 | 6.5 | 9.0 | 0 | 20 | 11 |
| February | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 7.6 | 17.4 | 84.5 | often | 72.0 | 22 | 83.4 | 75.0 | 79.2 | 12.5 | 4.9 | 8.4 | 0 | 21 | 7 |
| March | 0 | 29 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.0 | 13.4 | 88.5 | 27 | 73.5 | 8 | 85.0 | 76.7 | 80.9 | 12.0 | 5.0 | 8.4 | 0 | 12 | 19 |
| April | 0 | 0 | 2 | 8 | 20 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 7.8 | 14.8 | 89.0 | 4, 8 | 73.5 | 12 | 86.1 | 78.2 | 82.1 | 11.0 | 4.8 | 7.9 | 0 | 2 | 28 |
| May | 0 | 0 | 0 | 0 | 27 | 4 | 0 | 0 | 0 | 26 | 5 | 0 | 8.9 | 13.2 | 84.5 | 1, 7 | 71.0 | 19 | 82.0 | 74.7 | 78 3 | 11.5 | 3.5 | 7.3 | 0 | 7 | 24 |
| June | 0 | 0 | 0 | 0 | 25 | 5 | 0 | 0 | 0 | 12 | 18 | 0 | 13.2 | 18.1 | 81.8 | 5,9,20 | 71.0 | 25 | 80.3 | 74.2 | 77.3 | 9.0 | 2.9 | 6.1 | 0 | 3 | 27 |
| July | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 0 | 0 | 17 | 14 | 0 | 12.5 | 17.0 | 80.0 | 28,29 | 70.0 | 8,24 | 78.8 | 71.8 | 75.3 | 9.0 | 2.9 | 6.9 | 0 | 6 | 25 |
| August | 0 | 0 | 0 | 0 | 17 | 14 | 0 | 0 | 0 | 19 | 12 | 0 | 12.8 | 15.7 | 82.0 | 11 | 69.0 | 2, 25 | 79.1 | 71.5 | 75.3 | 10.0 | 4.7 | 7.6 | 0 | 12 | 19 |
| September | 0 | 0 | 0 | 13 | 11 | 6 | 0 | 0 | 0 | 18 | 12 | 0 | 13.0 | 14.5 | 81.8 | 11,16 | 69.8 | 23 | 80.1 | 71.9 | 76.0 | 11.0 | 4.0 | 8.1 | 2 | 8 | 20 |
| October | 0 | 0 | 1 | 0 | 27 | 3 | 0 | 0 | 0 | 30 | 1 | 0 | 8.3 | 11.9 | 85.5 | 16 | 71.0 | 18 | 82.3 | 73.2 | 77.7 | 13.0 | 5.5 | 9.1 | 0 | 15 | 16 |
| November | 4 | 12 | 3 | 5 | 6 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 5.1 | 9.8 | 86.0 | 3 | 72.5 | 2 | 84.1 | 76.1 | 80.1 | 11.3 | 2.5 | 8.0 | 0 | 6 | 24 |
| December | 2 | 23 | 0 | 0 | 4 | 0 | 1 | 1 | 0 | 31 | 0 | 0 | 5.8 | 12.8 | 92.0 | 28 | 74.0 | 10 | 86.2 | 76.0 | 81.1 | 15.0 | 6.0 | 10.2 | 0 | 13 | 18 |
| Year | 6 | 123 | 6 | 28 | 149 | 51 | 1 | 1 | 0 | 301 | 64 | 0 | 9.2 | 14.7 | 92.0 | Dec. 28 | 69.0 | Aug. 2,25 | 82.6 | 74.5 | 78.6 | 15.0 | 2.5 | 8.1 | 2 | 125 | 238 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KAGUMO, NYERI 1946.

Lat.: 0° 29'S  Long.: 36° 37'E  Alt.: 5900 feet  Standard Time 3h 00m East  Reference Number 90.36/43.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall in 24hrs. | | Thunder. | |
| | h 8.30 | h 14.30 | 8 30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | Date | Rain | |
| | ins | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 64 8 | 8 .7 | 57.7 | 54.5 | .48 | .428 | .136 | .662 | 77 | 39 | 5.1 | 5.0 | 4 | 0 | 19 | 3 | 3 | 6 3 | 0.25 | 0.20 | 22 | 2 | 0 |
| February | | | 64.5 | 82.0 | 53.8 | 54.3 | .416 | .425 | .098 | .679 | 68 | 38 | 5. | 4.6 | 2 | 0 | 9 | 3 | 0 | 4.3 | 0.17 | 0.17 | 16 | 1 | 0 |
| March | | | 64.0 | 80.1 | 55.2 | 55.0 | .440 | .437 | .162 | .597 | 73 | 42 | 5.8 | 4.8 | 2 | 0 | 22 | 4 | 3 | 0.0 | 0.00 | 0.00 | -- | 0 | 0 |
| April | | | 64.6 | 74.8 | 56.8 | 60.4 | .467 | .529 | .147 | .342 | 75 | 61 | 7.8 | 7.3 | 0 | 0 | 6 | 8 | 9 | 48.5 | 1.91 | 0.93 | 22 | 4 | 0 |
| May | | | 62 7 | 7 .2 | 56.8 | 56.7 | .467 | .464 | .109 | .307 | 81 | 60 | 9.4 | 8.2 | 0 | 0 | 2 | 4 | 25 | 188.0 | 7.40 | 2.60 | 5 | 7 | 0 |
| June | | | 63 2 | 72.4 | 54.9 | 56.1 | .434 | .455 | .148 | .345 | 75 | 57 | 8.9 | 7.6 | 0 | 0 | 6 | 4 | 20 | 6.3 | 0.25 | 0.13 | 13 | 2 | 0 |
| July | | | 60.5 | 68.7 | 57.2 | 54.7 | .473 | .431 | .059 | .278 | 89 | 61 | 9.8 | 8.3 | 0 | 0 | 1 | 1 | 29 | 20.3 | 0.80 | 0.20 | 29 | 8 | 0 |
| August | | | 58.0 | 64.8 | 55.4 | 53.6 | .443 | .413 | .041 | .204 | 91 | 67 | 9.7 | 8.7 | 0 | 0 | 1 | 1 | 25 | 46.7 | 1.84 | 0.50 | 17 | 10 | 0 |
| Septembe | | | 60.6 | 70.4 | 55.4 | 57.2 | .443 | .473 | .092 | .274 | 83 | 63 | 9.3 | 8.4 | 0 | 0 | 3 | 3 | 24 | 35 8 | 1.41 | 1.00 | 22 | 3 | 0 |
| October | | | 64.3 | 74.1 | 56.5 | 59.4 | .461 | .511 | .144 | .339 | 76 | 60 | 9.1 | 7.6 | 0 | 0 | 4 | 6 | 21 | 16.0 | 0.63 | 0.57 | 9 | 2 | 0 |
| Novembe | | | 63.3 | 74.5 | 56. | 58 8 | 455 | .499 | .133 | .360 | 77 | 58 | 7.7 | 6.5 | 0 | 0 | 13 | 3 | 4 | 0 9 | 0.43 | 0 43 | 20 | 1 | 0 |
| December | | | 63.3 | 73.7 | 55.9 | 55.0 | .452 | .437 | .136 | .402 | 77 | 52 | 4.5 | 3.7 | 7 | 0 | 18 | 2 | 3 | 13.0 | 0.51 | 0.30 | 7 | 3 | 0 |
| Year | | | 63.7 | 74 0 | 56 0 | 56.3 | 453 | 459 | .125 | 399 | 79 | 55 | 7.7 | 6.7 | 5 | 0 | 104 | 42 | 176 | 394 | 15.60 | 2.60 | May 5 | 43 | 0 |

@ At station levels corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8 30h | | | | | | | | | Frequency of Wind Force at 8.30 | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8 30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 3 | 4 7 | >7 | h 8 30 | h 14.30 | Max | Date | Min. | Date | Mean Max | Mean Min | ½ Max + Min | Range Max | Range Min | Range Mea. | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F | | F | F | F | F | F | F | | | |
| January | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | 0 | .4 | 2 | 87.2 | 2 | 45 0 | 5, 8 | 81.9 | 50.8 | 66 3 | 4 0 | 22 0 | 3.. 4 | 0 | 0 | 29 |
| February | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 10 3 | .0 3 | 87.0 | 3 | 49 0 | 8 | 82.. | 5. 2 | 66.7 | 36 0 | 26 0 | 30 7 | 0 | 0 | 14 |
| March | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | . 2 | 9.8 | 87 0 | 23,2 | 49 0 | 2,26,30 | 80.6 | 52 3 | 66.5 | 38 0 | 20 0 | 28.3 | 0 | 0 | 31 |
| April | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | 0 | 8.7 | 10.5 | 80.0 | 3, 4 | 49.0 | often | 75.1 | 51.2 | 63.1 | 31.0 | 15.0 | 24.3 | 0 | 0 | 23 |
| May | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 1 | 18 | 12 | 0 | 8.7 | 8.9 | 78.0 | 26,27 | 45.7 | 3 | 73.9 | 50.2 | 62.1 | 27.3 | 19.0 | 23.7 | 0 | 4 | 27 |
| June | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 19 | 11 | 0 | 8.9 | 8.7 | 79.0 | 7 | 45.7 | 24 | 73.4 | 49.7 | 61.5 | 29.0 | 14.0 | 23.7 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 11.9 | 11.2 | 76 0 | (1) | 45.0 | often | 70 3 | 48 5 | 59.4 | 29 0 | 10 0 | 2 7 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 0 | 7.8 | 10.3 | 75.0 | 24,28 | 45.8 | 9 | 66.9 | 50.4 | 58.7 | 22 0 | 5.0 | 16.4 | 0 | 6 | 24 |
| September | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 23 | 7 | 0 | 9.6 | 10.3 | 77.2 | 9 | 45.0 | 27 | 71.8 | 50.1 | 60.9 | 31.3 | 10.0 | 21.7 | 1 | 3 | 26 |
| October | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 25 | 6 | 0 | 10.1 | 9.2 | 79.0 | 2,11 | 49.0 | 28,29 | 74.3 | 50.3 | 62.3 | 29.8 | 19.0 | 24.1 | 2 | 0 | 29 |
| November | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 8.3 | 8.3 | 79.6 | 20 | 49.0 | 0,26,27 | 75 3 | 50 3 | 62 8 | 29.6 | 20 2 | 25.0 | 0 | 0 | 30 |
| December | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 8.3 | 8.3 | 84.0 | 28 | 48.7 | 20 | 77.3 | 49.9 | 63.6 | 34.3 | 20.0 | 27.3 | 0 | 0 | 30 |
| Year | 0 | 0 | 0 | 339 | 0 | 0 | 0 | 0 | 1 | 235 | 104 | 0 | 9.8 | 9 8 | 87.2 | Jan. 2 | 45.0 | (1) | 75 2 | 50 4 | 62 8 | 4.. 0 | 5.0 | 24 8 | 3 | 13 | 324 |

(1) Several dates:- July 13, 23, 29 and 30th. ( . ) Several dates:- January 5,8 July often September 27th

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAROK METEOROLOGICAL STATION 1946.

Lat.: 1° 08'S Long.: 35° 50'E Alt.: 6200 ft. Standard Time 3h 00m East. Reference Number 91.35/01.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. ins. | Date | | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 56.6 | 79.8 | 46.0 | 44.8 | .313 | .298 | .154 | .730 | 67 | 29 | 2.9 | 6.1 | 1 | 20 | 8 | 2 | 0 | 8.1 | 0.32 | 0.12 | 20 | 4 | 3 |
| February | | | 55.8 | 83.0 | 44.5 | 39.4 | .263 | .242 | .186 | .895 | 59 | 22 | 1.7 | 4.6 | 10 | 13 | 4 | 0 | 1 | 5.6 | 0.22 | 0.14 | 9 | 4 | 3 |
| March | | | 59.1 | 80.7 | 49.6 | 45.9 | .357 | .310 | .151 | .750 | 70 | 29 | 4.6 | 6.6 | 1 | 12 | 9 | 8 | 1 | 47.5 | 1.87 | 1.25 | 18 | 8 | 9 |
| April | | | 60.9 | 75.3 | 55.4 | 52.7 | .443 | .402 | .097 | .484 | 82 | 45 | 7.7 | 8.1 | 0 | 0 | 9 | 16 | 5 | 98.3 | 3.87 | 0.91 | 30 | 13 | 11 |
| May | | | 60.2 | 71.9 | 56.1 | 55.6 | .455 | .446 | .071 | .345 | 87 | 56 | 8.4 | 6.9 | 0 | 1 | 3 | 19 | 8 | 53.6 | 2.11 | 0.48 | 19 | 12 | 4 |
| June | | | 57.8 | 71.0 | 51.8 | 52.2 | .387 | .393 | .094 | .375 | 80 | 51 | 6.8 | 6.8 | 0 | 6 | 4 | 16 | 4 | 27.7 | 1.09 | 0.36 | 6 | 7 | 1 |
| July | | | 56.1 | 69.6 | 48.7 | 48.9 | .346 | .348 | .109 | .381 | 76 | 48 | 7.9 | 7.9 | 1 | 2 | 3 | 17 | 8 | 1.8 | 0.07 | 0.07 | 30 | 1 | 0 |
| August | | - | 56.3 | 67.4 | 50.7 | 50.7 | .372 | .372 | .086 | .307 | 81 | 55 | 6.2 | 8.1 | 0 | 2 | 4 | 17 | 8 | 27.4 | 1.08 | 0.37 | 11 | 10 | 0 |
| September | | - | 58.1 | 70.6 | 52.7 | 51.3 | .402 | .381 | .085 | .372 | 82 | 51 | 7.9 | 7.3 | 0 | 2 | 3 | 19 | 6 | 81.0 | 3.19 | 1.22 | 22 | 14 | 4 |
| October | - | - | 61.5 | 75.1 | 52.7 | 49.1 | .402 | .351 | .150 | .526 | 73 | 40 | 6.0 | 6.7 | 0 | 9 | 4 | 15 | 3 | 20.3 | 0.80 | 0.39 | 31 | 9 | 6 |
| November | | | 61.8 | 75.5 | 52.5 | 49.8 | .399 | .360 | .159 | .532 | 71 | 40 | 5.1 | 7.4 | 0 | 11 | 8 | 11 | 0 | 24.9 | 0.98 | 0.33 | 22 | 7 | 8 |
| December | - | | 59.9 | 76.0 | 51.3 | 48.9 | .381 | .348 | .139 | .555 | 73 | 39 | 2.9 | 6.4 | 2 | 21 | 2 | 4 | 2 | 61.0 | 2.40 | 1.33 | 9 | 9 | 7 |
| Year | - | | 58.7 | 74.7 | 50.7 | 49.1 | .377 | .354 | .123 | .521 | 75 | 42 | 5.8 | 6.9 | 15 | 99 | 61 | 144 | 46 | 457.0 | 18.00 | 1.33 | Dec. 9 | 98 | 56 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Max | Min. | Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 20 | 6 | 25 | 0 | 0 | 3.8 | 10.7 | 86.2 | 29 | 36.3 | 2 | 82.1 | 42.3 | 62.2 | 46.6 | 29.0 | 39.7 | 0 | 0 | 31 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 27 | 0 | 0 | 4.3 | 12.3 | 89.8 | 24 | 33.9 | 19 | 84.8 | 42.3 | 63.5 | 51.7 | 21.5 | 42.5 | 0 | 2 | 26 |
| March | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 16 | 12 | 19 | 0 | 0 | 2.0 | 11.2 | 86.0 | 14 | 38.0 | 22 | 82.1 | 47.6 | 64.9 | 46.3 | 18.1 | 34.5 | 0 | 0 | 31 |
| April | 0 | 0 | 1 | 17 | 3 | 0 | 2 | 2 | 5 | 25 | 0 | 0 | 5.1 | 13.9 | 83.0 | 11 | 44.8 | 29 | 77.6 | 51.4 | 64.5 | 36.0 | 14.0 | 26.3 | 0 | 0 | 30 |
| May | 0 | 0 | 5 | 17 | 1 | 0 | 0 | 1 | 7 | 24 | 0 | 0 | 4.3 | 12.8 | 77.3 | 13 | 43.7 | 12 | 73.2 | 53.4 | 63.3 | 33.1 | 10.5 | 19.8 | 0 | 0 | 31 |
| June | 0 | 0 | 4 | 17 | 0 | 1 | 0 | 3 | 5 | 24 | 1 | 0 | 4.7 | 10.5 | 77.0 | 22 | 40.8 | 25 | 72.6 | 49.4 | 61.0 | 34.6 | 13.8 | 23.2 | 0 | 0 | 30 |
| July | 0 | 0 | 1 | 23 | 1 | 0 | 0 | 5 | 1 | 29 | 1 | 0 | 6.3 | 12.5 | 78.4 | 3 | 36.0 | 15 | 71.5 | 47.7 | 59.6 | 34.6 | 7.6 | 23.7 | 0 | 0 | 31 |
| August | 0 | 0 | 1 | 29 | 0 | 0 | 0 | 1 | 0 | 30 | 1 | 0 | 6.3 | 11.2 | 76.4 | 24 | 37.0 | 31 | 69.7 | 49.3 | 59.5 | 35.8 | 8.0 | 20.4 | 0 | 0 | 31 |
| September | 0 | 0 | 1 | 29 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 6.9 | 11.0 | 76.3 | 1 | 40.0 | 1 | 73.0 | 49.5 | 61.3 | 36.3 | 12.3 | 23.5 | 0 | 0 | 30 |
| October | 0 | 0 | 1 | 27 | 1 | 0 | 0 | 1 | 1 | 30 | 0 | 0 | 6.3 | 11.6 | 81.4 | 16 | 38.1 | 22 | 77.3 | 45.9 | 61.6 | 40.8 | 14.6 | 31.3 | 0 | 0 | 31 |
| November | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 2 | 11 | 19 | 0 | 0 | 4.0 | 11.4 | 83.0 | 19 | 39.4 | 15 | 78.3 | 46.7 | 62.5 | 41.0 | 13.5 | 31.6 | 0 | 0 | 30 |
| December | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 8 | 12 | 19 | 0 | 0 | 1.8 | 9.8 | 82.4 | 2 | 40.3 | 28 | 79.3 | 46.6 | 62.9 | 40.9 | 16.2 | 32.7 | 0 | 0 | 31 |
| Year | 1 | 0 | 17 | 187 | 6 | 1 | 4 | 86 | 61 | 299 | 5 | 0 | 4.7 | 11.5 | 89.8 | Feb. 24 | 33.9 | Feb. 19 | 76.8 | 47.7 | 62.2 | 51.7 | 7.6 | 29.1 | 0 | 2 | 363 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NANYUKI, METEOROLOGICAL STATION, 1946.

Lat.: 0° 01'N Long.: 37° 04'E Alt.: 6389 feet Standard Time 3h 00m East Reference Number 89.37/22.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall | | | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 23.907 | 23.816 | 61.5 | 74.7 | 48.2 | 44.8 | .340 | .298 | .212 | .567 | 61 | 34 | 3.0 | 7.2 | 3 | 19 | 3 | 6 | 0 | 4.1 | 0.16 | 0.12 | 12 | 2 | 0 |
| February | 23.878 | 23.819 | 64.2 | 78.3 | 43.2 | 38.1 | .281 | .230 | .324 | .745 | 46 | 24 | 2.7 | 6.5 | 3 | 17 | 4 | 4 | 0 | 1.0 | 0.04 | 0.04 | 3 | 1 | 0 |
| March | 23.887 | 23.798 | 65.2 | 77.7 | 49.1 | 47.3 | .351 | .328 | .275 | .629 | 56 | 34 | 4.8 | 7.3 | 1 | 13 | 9 | 8 | 0 | 16.3 | 0.64 | 0.28 | 1 | 7 | 0 |
| April | 23.893 | 23.828 | 61.8 | 68.4 | 54.7 | 55.8 | .431 | .449 | .127 | .251 | 77 | 64 | 7.2 | 9.1 | 0 | 1 | 7 | 22 | 0 | 121.7 | 4.79 | 0.66 | 19 | 21 | 16 |
| May | 23.913 | 23.851 | 62.1 | 68.9 | 54.3 | 55.6 | .425 | .446 | .136 | .266 | 76 | 63 | 4.8 | 8.1 | 0 | 12 | 7 | 12 | 0 | 83.1 | 3.27 | 0.61 | 11 | 16 | 5 |
| June | 23.946 | 23.878 | 59.9 | 70.6 | 52.0 | 53.2 | .390 | .408 | .130 | .345 | 75 | 54 | 5.4 | 8.5 | 0 | 8 | 11 | 11 | 0 | 52.8 | 2.08 | 1.10 | 17 | 10 | 3 |
| July | 23.928 | 23.866 | 58.2 | 70.6 | 50.0 | 50.7 | .363 | .372 | .127 | .381 | 74 | 50 | 6.8 | 7.8 | 0 | 3 | 9 | 19 | 0 | 36.1 | 1.42 | 0.91 | 4 | 4 | 1 |
| August | 23.931 | 23.860 | 58.7 | 68.9 | 51.8 | 51.8 | .387 | .387 | .109 | .325 | 78 | 54 | 7.1 | 8.4 | 0 | 3 | 7 | 17 | 4 | 72.9 | 2.87 | 1.58 | 5 | 10 | 2 |
| September | 23.916 | 23.837 | 60.2 | 70.6 | 50.7 | 51.3 | .372 | .381 | .154 | .372 | 71 | 51 | 5.2 | 7.9 | 0 | 10 | 8 | 12 | 0 | 27.9 | 1.10 | 0.60 | 12 | 6 | 3 |
| October | 23.899 | 23.819 | 61.2 | 67.4 | 52.3 | 52.3 | .396 | .396 | .147 | .283 | 73 | 58 | 5.6 | 8.8 | 0 | 7 | 11 | 12 | 1 | 118.6 | 4.67 | 1.10 | 30 | 19 | 0 |
| November | 23.893 | 23.801 | 61.3 | 74.3 | 53.6 | 51.1 | .413 | .378 | .133 | .369 | 76 | 51 | 6.4 | 8.3 | 0 | 5 | 7 | 18 | 0 | 41.1 | 1.62 | 0.43 | 5 | 10 | 0 |
| December | 23.884 | 23.804 | 62.4 | 72.5 | 51.3 | 48.7 | .381 | .346 | .189 | .460 | 67 | 43 | 3.9 | 7.2 | 1 | 14 | 10 | 6 | 0 | 9.9 | 0.39 | 0.27 | 22 | 5 | 1 |
| Year | 23.906 | 23.831 | 61.4 | 71.6 | 50.9 | 50.1 | .377 | .368 | .172 | .416 | 69 | 48 | 5.2 | 7.9 | 8 | 112 | 93 | 147 | 5 | 585.5 | 23.05 | 1.58 | Aug. 5 | 111 | 31 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h | h | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | 8.30 | 14.30 | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | | | | | | | | | | | | | |
| January | 2 | 9 | 5 | 3 | 5 | 3 | 1 | 2 | 1 | 27 | 3 | 0 | 6.3 | 13.9 | 82.0 | 18 | 39.9 | 6 | 77.2 | 43.8 | 60.5 | 39.2 | 27.9 | 33.4 | 0 | 0 | 31 |
| February | 1 | 13 | 1 | 3 | 2 | 3 | 3 | 2 | 0 | 28 | 0 | 0 | 4.7 | 15.0 | 83.6 | 16 | 40.0 | 7,13 | 80.5 | 44.1 | 62.3 | 40.6 | 26.5 | 36.4 | 0 | 0 | 28 |
| March | 0 | 4 | 3 | 3 | 6 | 8 | 3 | 4 | 0 | 30 | 1 | 0 | 5.1 | 13.0 | 83.3 | 26 | 41.8 | 12 | 80.4 | 48.0 | 64.2 | 39.4 | 22.3 | 32.3 | 0 | 0 | 31 |
| April | 1 | 0 | 2 | 12 | 6 | 6 | 2 | 1 | 0 | 30 | 0 | 0 | 4.5 | 8.3 | 83.0 | 2 | 47.6 | 1,2,6 | 74.5 | 50.6 | 62.5 | 35.4 | 15.6 | 23.9 | 0 | 0 | 30 |
| May | 0 | 1 | 2 | 7 | 10 | 7 | 3 | 0 | 1 | 26 | 4 | 0 | 7.4 | 9.2 | 78.0 | 20 | 46.0 | 20 | 73.9 | 50.2 | 62.1 | 32.0 | 16.5 | 23.7 | 0 | 0 | 31 |
| June | 1 | 4 | 6 | 7 | 7 | 1 | 2 | 0 | 2 | 27 | 1 | 0 | 5.4 | 7.8 | 78.6 | 5 | 44.2 | 25 | 74.5 | 47.9 | 61.2 | 32.4 | 21.4 | 26.7 | 0 | 0 | 30 |
| July | 2 | 2 | 5 | 3 | 9 | 4 | 3 | 2 | 1 | 27 | 3 | 0 | 6.5 | 10.5 | 77.4 | 18 | 41.8 | 16 | 72.8 | 47.2 | 60.0 | 32.4 | 18.2 | 25.6 | 0 | 0 | 31 |
| August | 1 | 1 | 8 | 10 | 6 | 3 | 2 | 0 | 0 | 24 | 7 | 0 | 8.5 | 11.2 | 75.2 | 24 | 44.6 | 24 | 72.1 | 49.5 | 60.8 | 30.6 | 14.1 | 22.6 | 0 | 0 | 31 |
| September | 0 | 7 | 3 | 7 | 8 | 2 | 0 | 0 | 3 | 27 | 0 | 0 | 6.3 | 9.6 | 79.2 | 1 | 41.9 | 18 | 75.1 | 46.3 | 60.7 | 36.0 | 18.6 | 28.7 | 0 | 0 | 30 |
| October | 0 | 4 | 4 | 7 | 6 | 1 | 0 | 3 | 6 | 24 | 1 | 0 | 4.5 | 7.4 | 79.6 | 3 | 41.8 | 3 | 73.3 | 48.3 | 60.8 | 37.8 | 13.8 | 24.9 | 0 | 0 | 31 |
| November | 1 | 4 | 1 | 2 | 9 | 0 | 0 | 6 | 7 | 23 | 0 | 0 | 2.5 | 8.7 | 79.0 | 23 | 43.3 | 18 | 72.8 | 47.6 | 60.2 | 35.3 | 9.6 | 25.2 | 0 | 0 | 30 |
| December | 1 | 8 | 3 | 2 | 5 | 3 | 0 | 7 | 2 | 29 | 0 | 0 | 3.6 | 8.7 | 79.8 | 19 | 38.3 | 20 | 75.3 | 46.0 | 60.7 | 37.4 | 19.1 | 29.3 | 0 | 0 | 31 |
| Year | 10 | 57 | 43 | 66 | 79 | 41 | 19 | 27 | 23 | 322 | 20 | 0 | 5.4 | 10.3 | 83.6 | Feb. 16 | 38.7 | Dec. 20 | 75.2 | 47.4 | 61.3 | 40.6 | 9.6 | 27.7 | 0 | 0 | 365 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAKURU, D.C 1946

Lat.: 0° 17'S Long.: 36° 04'E Alt.: 6024 feet Standard Time 3h 00m East Reference Number 90.36/21

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 4.30 | 8.30 | 14.30 | 8.30 | 4.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins | Date | | |
| | ins. | ins | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 60.0 | 81.2 | 48.9 | 44.8 | .348 | .298 | .175 | .774 | 67 | 28 | 1.6 | 5.8 | 9 | 8 | 4 | 0 | 0 | 8.[illegible] | 0.32 | 0.20 | 2 | 2 | 0 |
| February | | | 60.7 | 85.4 | 44.2 | 38.5 | .292 | .233 | .243 | .998 | 55 | 19 | 1.6 | 4.7 | 14 | 9 | 4 | 0 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 63.2 | 84.5 | 50.0 | 45.1 | .363 | .303 | .219 | .895 | 62 | 25 | 4.1 | 6.5 | 6 | 9 | 6 | 8 | 2 | 8.1 | 0.32 | 0.22 | 3 | 2 | 2 |
| April | | | 62.6 | 75.9 | 55.6 | 54.1 | .446 | .422 | .27 | .482 | 78 | 47 | 8.3 | 8.9 | 0 | 1 | 4 | 17 | 8 | 145.5 | 5.73 | .45 | 24 | 10 | 16 |
| May | | | 63 | 76.3 | 57.2 | 56.5 | .473 | .461 | .109 | .452 | 81 | 51 | 5.0 | 7.7 | 3 | 11 | 4 | 12 | 1 | 49.0 | .93 | 0.68 | 18 | 7 | 9 |
| June | | | 60.2 | 74.9 | 54.7 | 55.4 | .431 | .443 | .095 | .428 | 84 | 51 | 5.9 | 8.1 | 1 | 9 | 4 | 9 | 7 | 83.1 | 3.27 | 1.70 | 29 | 5 | 13 |
| July | | | 58.3 | 73.6 | 53.2 | 55.4 | .408 | .443 | .082 | .393 | 83 | 53 | 6.6 | 7.9 | 3 | 6 | 3 | 10 | 9 | 82.0 | 3.23 | 0.80 | 1 | 9 | 7 |
| August | | | 58.9 | 72.5 | 54.3 | 55.4 | .425 | .443 | .074 | .363 | 85 | 55 | 7.3 | 8.1 | 0 | 7 | 2 | 8 | 14 | 103.9 | 4.09 | 0.75 | 16 | 10 | 10 |
| September | | | 60.1 | 73.6 | 54.5 | 55.8 | .428 | .449 | .095 | .387 | 82 | 54 | 5.3 | 7.9 | 2 | 7 | 2 | 8 | 3 | 114.6 | 4.51 | 1.05 | 7 | 10 | 13 |
| October | | | 60.3 | 74.5 | 53.2 | 53.4 | .408 | .410 | .118 | .449 | 77 | 48 | 5.9 | 8.5 | 4 | 6 | 3 | 13 | 5 | 31.7 | 1.25 | 0.30 | 24 | 7 | 7 |
| November | | | 63.0 | 75.3 | 54.7 | 51.8 | .431 | .387 | .148 | .499 | 74 | 44 | 5.4 | 8.5 | 1 | 11 | 6 | 6 | 6 | 25.9 | .02 | 0.30 | 16 | 5 | 4 |
| December | | | 62.3 | 78.9 | 51.3 | 47.5 | .381 | .331 | .183 | .667 | 67 | 33 | 2.2 | 7.2 | 9 | 17 | 0 | 5 | 0 | 10.7 | 0.42 | 0.22 | 9 | 2 | 1 |
| Year | | | 61.[illegible] | 77.2 | 52.7 | 51.[illegible] | .403 | .385 | .139 | .566 | 75 | 42 | 4.9 | 7.5 | 52 | 111 | 42 | 96 | 56 | 662.6 | 26.09 | 1.70 | June 29 | 69 | 82 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h | h | | | | | | Mean | Mean | ½ Max + Min | Range | | | |
| | | | | | | | | | | | | | 8.30 | 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | | Max. | Min. | Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F | F | F | | | |
| January | 6 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 20 | 11 | 0 | 0 | 1.3 | 16.3 | 87.0 | 18,29 | 40.8 | 5 | 84.3 | 45.8 | 65.1 | 43.5 | 28.5 | 38.5 | 0 | 0 | 31 |
| February | 4 | 0 | 0 | 0 | 1 | 0 | 2 | 5 | 16 | 12 | 0 | 0 | 1.8 | 21.3 | 90.4 | 17 | 38.5 | 19 | 87.8 | 45.5 | 66.7 | 49.8 | 26.5 | 42.3 | 0 | 0 | 28 |
| March | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 0 | 0.4 | 12.5 | 92.9 | 23 | 45.0 | 5 | 87.9 | 50.[illegible] | 69.0 | 47.1 | 24.8 | 37.8 | 0 | 0 | 31 |
| April | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 20 | 10 | 0 | 0 | 1.1 | 15.9 | 91.2 | 3 | 47.6 | 11 | 82.2 | 52.5 | 67.3 | 41.7 | 13.7 | 29.7 | 0 | 3 | 27 |
| May | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 8 | 15 | 16 | 0 | 0 | 2.5 | 8.5 | 81.6 | 13 | 47.8 | 25 | 79.5 | 53.2 | 66.3 | 32.4 | 15.9 | 26.3 | 0 | 0 | 31 |
| June | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 21 | 9 | 0 | 0 | 1.0 | 9.2 | 81.2 | 2 | 45.8 | 25 | 77.4 | 51.2 | 64.3 | 34.2 | 18.6 | 26.3 | 0 | [illegible] | 30 |
| July | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 22 | 9 | 0 | 0 | 0.9 | 9.4 | 80.7 | 20 | 43.1 | 17 | 76.0 | 50.7 | 63.3 | 36.1 | 14.4 | 25.3 | 0 | 0 | 31 |
| August | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 26 | 5 | 0 | 0 | 0.9 | 10.[illegible] | 80.2 | 24 | 45.0 | 23 | 75.[illegible] | 51.9 | 63.5 | 34.9 | 8.9 | 23.2 | 0 | [illegible] | 31 |
| September | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 7 | 0 | 0 | [illegible] | 15.0 | 80.3 | 29 | 44.4 | 30 | 77.2 | 50.0 | 63.6 | 34.6 | 20.7 | 27.4 | 0 | 1 | 21 |
| October | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 6 | 0 | 0 | 0.7 | 12.5 | 83.2 | 16,22 | 41.3 | 22 | 78.7 | 48.3 | 63.5 | 43.9 | 16.7 | 30.4 | 0 | 0 | 31 |
| November | 9 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 14 | 14 | 2 | 0 | 3.8 | 19.5 | 84.2 | 21 | 43.5 | 21 | 80.1 | 48.8 | 64.4 | 40.7 | 14.0 | 31.3 | 0 | 0 | 30 |
| December | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20 | 11 | 0 | 0 | 0.8 | 21.5 | 85.8 | 31 | 43.0 | 14 | 82.0 | 46.6 | 64.3 | 42.4 | 23.3 | 35.5 | 0 | 0 | 31 |
| Year | 69 | 3 | 2 | 0 | 1 | [illegible] | 13 | 30 | 238 | 117 | 2 | 0 | 1.5 | 14.3 | 92.9 | March 23 | 38.5 | Feb 19 | 80.7 | 49.7 | 65.[illegible] | 49.8 | 8.9 | 31.2 | 0 | 4 | 353 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIVASHA METEOROLOGICAL STATION, 1946.

Lat.: 0° 43'S  Long.: 36° 26'E  Alt.: 6234 feet  Standard Time 3h 00m East  Reference Number 90.36/02

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall | | | |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 24.064 | 23.93 | 60. | 80.8 | 46.8 | 42.4 | .322 | .272 | .201 | .788 | 62 | 25 | 2.5 | 6.7 | 5 | 19 | 6 | 1 | 0 | 13.2 | 0.52 | 0.21 | 13 | 4 | 3 |
| February | 24.055 | 23.199 | 60.3 | 84.0 | 42.4 | 35.8 | .272 | .210 | .254 | .965 | 5. | 16 | 2.1 | 5.6 | 9 | 14 | 3 | 2 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 1 |
| March | 24.052 | 23.925 | 61.8 | 8 .4 | 48.7 | 44. | .346 | .289 | .212 | .789 | 62 | 27 | 3.5 | 7.4 | 2 | 17 | 7 | 3 | 0 | 7.6 | 0.30 | 0.21 | 2 | 3 | 3 |
| April | 24.058 | 23.958 | 61.9 | 74.3 | 54.0 | 52.3 | .419 | .396 | .39 | .460 | 75 | 46 | 7.2 | 8.6 | 0 | 0 | 8 | 22 | 0 | 97.8 | 3.85 | 0.90 | 20 | 15 | 6 |
| May | 24.09 | 24.005 | 61.3 | 7 .5 | 55.6 | 55.4 | .446 | .443 | 00 | .334 | 8 | 57 | 6.2 | 8. | 1 | 2 | 2 | 14 | 2 | 100.3 | 3.95 | 1.32 | 15 | 18 | 5 |
| June | 24.120 | 24.037 | 58.7 | 7 .9 | 52 3 | 52.2 | .396 | .393 | .00 | .398 | 80 | 50 | 5.5 | 7.8 | 0 | 9 | 10 | 10 | 1 | 34.0 | 1.34 | 0.39 | 2 | 12 | 2 |
| July | 24.094 | 24.034 | 57.3 | 7 .2 | 50.9 | 49.6 | .375 | 357 | .00 | .4 4 | 79 | 46 | 7.6 | 7.9 | 0 | 2 | 5 | 22 | 2 | 1 7 | 0.46 | 0.19 | 22 | 8 | 0 |
| August | 24.108 | 24.037 | 58.0 | 69. | 52.2 | 52.2 | .393 | .393 | .091 | .325 | 8 | 55 | 8.0 | 8.3 | 0 | 0 | 7 | 16 | 8 | 54.4 | 2. 4 | 0.64 | 10 | 14 | 1 |
| September | 24.091 | 23.999 | 59.4 | 72.0 | 52 2 | 5. . | .393 | .378 | .18 | 4.3 | 77 | 48 | 6.6 | 7.9 | 0 | 6 | 6 | 6 | 2 | 79.8 | 3. 4 | 1.10 | 4 | 16 | 2 |
| October | 24.070 | 23.964 | 59.4 | 72.7 | 52.2 | 49.6 | .393 | 357 | .8 | 452 | 77 | 44 | 6.9 | 8.2 | 0 | 5 | 6 | 6 | 4 | 9 .7 | 3.61 | 0.54 | 15 | 16 | 6 |
| November | 24.052 | 23.952 | 59.9 | 70.6 | 52.2 | 52.7 | .393 | .402 | . 27 | .351 | 75 | 53 | 6.3 | 8.3 | 0 | 5 | 11 | 13 | 1 | 65.0 | 2.56 | 0.47 | 1 | 16 | 11 |
| December | 24.046 | 23.952 | 59.1 | 75.8 | 49.8 | 47.8 | .360 | .334 | .148 | .564 | 71 | 37 | 4.0 | 7.7 | 0 | 17 | 7 | 7 | 0 | 31.0 | 1.22 | 0.52 | 10 | 8 | 2 |
| Year | 24.075 | 23.916 | 59.8 | 74.6 | 50.8 | 48.8 | .376 | .352 | .142 | .521 | 73 | 42 | 5.5 | 7.7 | 17 | 96 | 88 | 144 | 20 | 586.5 | 23.09 | 1.32 | May 15 | 130 | 42 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F | | F. | | F. | F. | F. | F | F. | F. | | | |
| January | 13 | 9 | 0 | 0 | 1 | 4 | 2 | 2 | 0 | 31 | 0 | 0 | 3. | 4.7 | 87.2 | 18,30 | 40.0 | 26 | 84.0 | 45.0 | 64.5 | 47.0 | 28.8 | 39.0 | 0 | 0 | 31 |
| February | 5 | 10 | 2 | 0 | 1 | 5 | 2 | 3 | 0 | 28 | 0 | 0 | 2.9 | 5. | 89.8 | 23 | 37.5 | 19 | 86.2 | 45.1 | 65.7 | 48.8 | 31.7 | 41.1 | 0 | 0 | 28 |
| March | 1 | 2 | 1 | 2 | 1 | 7 | 5 | 2 | 0 | 31 | 0 | 0 | 2.0 | 4.7 | 90.6 | 12 | 42.0 | 22 | 84.3 | 49.8 | 67. | 42.7 | 18.7 | 34.6 | 0 | 0 | 31 |
| April | 4 | 2 | 0 | 1 | 1 | 9 | 8 | 5 | 0 | 30 | 0 | 0 | 2.0 | 4.3 | 85.0 | 1 | 47.0 | 7 | 78.3 | 52.6 | 65.5 | 36.3 | 13.7 | 25.7 | 0 | 0 | 30 |
| May | 0 | 0 | 1 | 0 | 6 | 15 | 6 | 2 | 1 | 30 | 0 | 0 | 2.2 | 5. | 78.4 | 13 | 48.0 | 25 | 74.4 | 53.3 | 63.9 | 29.1 | 14.5 | 21.1 | 0 | 0 | 31 |
| June | 3 | 2 | 2 | 1 | 2 | 14 | 5 | 1 | 0 | 30 | 0 | 0 | 2.7 | 4.7 | 76.8 | 22,30 | 43.5 | 25 | 73.6 | 50.0 | 61.8 | 29.5 | 10.4 | 23.6 | 0 | 0 | 30 |
| July | 0 | 2 | 1 | 0 | 3 | 17 | 6 | 2 | 0 | 31 | 0 | 0 | 3.1 | 7.2 | 79.7 | 3 | 42.4 | 11,17 | 73.9 | 49.2 | 61.5 | 33.5 | 15.4 | 24.7 | 0 | 0 | 31 |
| August | 1 | 0 | 0 | 1 | 7 | 18 | 4 | 0 | 0 | 31 | 0 | 0 | 3.1 | 7.6 | 76.9 | 24 | 45.4 | 31 | 71.3 | 5. .4 | 61.3 | 30.7 | 7.4 | 19.9 | 0 | 0 | 31 |
| September | 1 | 1 | 0 | 1 | 9 | 14 | 4 | 0 | 0 | 30 | 0 | 0 | 2.9 | 7.4 | 78.8 | 30 | 44.2 | 1 | 74.7 | 50.2 | 62.5 | 33.7 | 16.3 | 24.6 | 0 | 0 | 30 |
| October | 7 | 0 | 0 | 0 | 4 | 10 | 6 | 4 | 0 | 31 | 0 | 0 | 2.7 | 6.0 | 81.4 | 3 | 42.0 | 22 | 76.4 | 49.2 | 62.8 | 37.7 | 12.8 | 27.2 | 0 | 0 | 31 |
| November | 10 | 1 | 0 | 0 | 2 | 3 | 5 | 8 | 1 | 29 | 0 | 0 | 2.7 | 4.7 | 82.5 | 23 | 42.7 | 14 | 75.4 | 49.3 | 62.3 | 38.7 | 8.7 | 26.1 | 0 | 0 | 30 |
| December | 2 | 1 | 0 | 0 | 2 | 3 | 9 | 4 | 0 | 31 | 0 | 0 | 2.5 | 5.6 | 83.3 | 20 | 42.0 | 22 | 79.7 | 46.9 | 63.3 | 40.9 | 18.0 | 32.7 | 0 | 0 | 31 |
| Year | 67 | 30 | 7 | 6 | 39 | 119 | 62 | 33 | 2 | 363 | 0 | 0 | 2.7 | 5.6 | 90.6 | March 12 | 37.5 | Feb. 19 | 77.7 | 49.3 | 63.5 | 48.8 | 7.4 | 28.4 | 0 | 0 | 365 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIROBI K.U.R. & H. 1946.

Lat.: 1° 16'S Long.: 36° 50'E Alt.: 5495 feet Standard Time 3h 00m East Reference Number 91.36/10

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total | | Max. Fall in 24hrs. | Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | mm. | ins. | ins. | | | |
| January | – | – | 65.4 | 81.2 | 55.2 | 53.2 | .440 | .408 | .192 | .664 | 70 | 38 | 2.8 | 2.1 | 4 | 21 | 0 | 1 | 5 | 4.1 | 0.16 | 0.16 | 11 | 1 | 1 |
| February | – | – | 66.7 | 84.9 | 54.9 | 52.0 | .434 | .390 | .227 | .821 | 66 | 32 | 1.5 | 2.1 | 10 | 15 | 1 | 0 | 2 | 5.8 | 0.23 | 0.23 | 27 | 1 | 1 |
| March | – | – | 67.5 | 83.2 | 58.1 | 55.8 | .487 | .449 | .192 | .694 | 72 | 40 | 3.8 | 3.5 | 5 | 14 | 4 | 5 | 3 | 36.3 | 1.43 | 1.12 | 1 | 4 | 1 |
| April | – | – | 65.0 | 77.9 | 60.6 | 58.3 | .535 | .490 | .085 | .473 | 86 | 51 | 8.4 | 5.5 | 0 | 3 | 0 | 16 | 11 | 167.9 | 6.61 | 1.91 | 13 | 14 | 3 |
| May | – | – | 63.3 | 75.2 | 58.8 | 60.1 | .499 | .523 | .089 | .357 | 85 | 59 | 7.4 | 5.1 | 0 | 7 | 2 | 10 | 12 | 79.2 | 3.12 | 0.80 | 14 | 12 | 2 |
| June | – | – | 60.9 | 74.8 | 55.2 | 57.0 | .440 | .470 | .100 | .401 | 81 | 54 | 6.4 | 5.1 | 3 | 7 | 2 | 8 | 10 | 2.8 | 0.11 | 0.11 | 8 | 1 | 0 |
| July | – | – | 59.0 | 71.3 | 53.1 | 53.4 | .405 | .410 | .103 | .361 | 80 | 53 | 7.1 | 8.3 | 1 | 7 | 2 | 6 | 15 | 9.7 | 0.38 | 0.33 | 30 | 2 | 0 |
| August | – | – | 58.1 | 68.3 | 54.7 | 56.5 | .431 | .461 | .056 | .239 | 88 | 66 | 9.0 | 8.1 | 0 | 2 | 0 | 8 | 21 | 46.5 | 1.83 | 0.51 | 3 | 15 | 0 |
| September | – | – | 59.5 | 73.6 | 55.6 | 56.7 | .446 | .464 | .068 | .372 | 87 | 55 | 8.5 | 5.2 | 0 | 2 | 1 | 17 | 10 | 42.2 | 1.66 | 0.48 | 21 | 11 | 0 |
| October | – | – | 63.3 | 77.5 | 57.7 | 55.4 | .481 | .443 | .107 | .511 | 82 | 46 | 7.5 | 4.7 | 1 | 6 | 0 | 12 | 12 | 170.4 | 6.71 | 1.28 | 10 | 11 | 3 |
| November | – | – | 64.5 | 75.7 | 59.2 | 56.9 | .508 | .470 | .106 | .434 | 83 | 54 | 7.6 | 4.2 | 0 | 5 | 1 | 16 | 8 | 100.3 | 3.95 | 2.15 | 9 | 10 | 0 |
| December | – | – | 65.3 | 77.1 | 57.4 | 55.6 | .475 | .446 | .154 | .496 | 76 | 47 | 4.6 | 3.3 | 4 | 12 | 1 | 10 | 4 | 41.4 | 1.63 | 1.10 | 10 | 7 | 0 |
| Year | – | – | 63.2 | 76.7 | 56.7 | 55.9 | .465 | .452 | .123 | .485 | 80 | 50 | 6.2 | 4.8 | 28 | 101 | 14 | 109 | 113 | 706.6 | 27.82 | 2.15 | Nov. 9 | 89 | 11 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Min. | Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 2 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 2.9 | 12.3 | 87.1 | 17 | 52.2 | 27 | 82.6 | 55.9 | 69.3 | 31.9 | 22.2 | 26.7 | 0 | 0 | 31 |
| February | 0 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 2.5 | 13.2 | 89.9 | 22 | 51.8 | 19 | 86.1 | 56.5 | 71.3 | 34.3 | 18.7 | 23.7 | 0 | 0 | 28 |
| March | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 2.7 | 10.7 | 88.4 | 15 | 52.9 | 23 | 84.5 | 58 2 | 71 3 | 33.4 | 15.4 | 26.3 | 0 | 0 | 31 |
| April | 0 | 1 | 27 | 1 | 0 | 0 | 0 | 0 | 1 | 29 | 0 | 0 | 3.1 | 8.7 | 85.6 | 12 | 57.0 | 21 | 79.2 | 60.8 | 70.0 | 24.9 | 4.7 | 18.3 | 0 | 1 | 29 |
| May | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 2.2 | 7.8 | 81.0 | 27 | 56.8 | 27 | 76.5 | 59.5 | 68.0 | 24.2 | 13.0 | 17.0 | 0 | 1 | 30 |
| June | 0 | 1 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 3.1 | 6.9 | 81.0 | 22 | 49.8 | 25 | 76.6 | 54.9 | 65.7 | 28.0 | 16.8 | 21.7 | 0 | 0 | 30 |
| July | 0 | 0 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 2.0 | 4.7 | 82.0 | 2 | 48 0 | 1 | 73.7 | 54.2 | 63.9 | 33.2 | 9.7 | 19.5 | 0 | 2 | 29 |
| August | 0 | 0 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 2.5 | 4.5 | 78.0 | 22 | 49.9 | 27 | 70.2 | 54.9 | 62.5 | 25.9 | 2.3 | 15.3 | 3 | 4 | 24 |
| September | 2 | 3 | 12 | 12 | 1 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.3 | 10.1 | 81.2 | 11 | 49.8 | 1 | 75.3 | 56.2 | 65.7 | 30.2 | 10.1 | 19.1 | 0 | 3 | 27 |
| October | 0 | 8 | 22 | 0 | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 4.3 | 9.6 | 82.4 | 16 | 49.1 | 3 | 78.7 | 57.8 | 68.3 | 32.7 | 10.4 | 20.9 | 0 | 4 | 27 |
| November | 0 | 8 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.5 | 11.6 | 81.8 | 23 | 52.8 | 2 | 76.6 | 58.9 | 67.7 | 24.7 | 7.3 | 17.6 | 1 | 2 | 27 |
| December | 0 | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 2.9 | 12.3 | 81.8 | 18 | 52.9 | 27 | 78.3 | 57.7 | 68.0 | 26.8 | 12.2 | 20.6 | 0 | 0 | 31 |
| Year | 2 | 27 | 308 | 23 | 2 | 0 | 0 | 0 | 3 | 362 | 0 | 0 | 3.1 | 9.4 | 89.9 | Feb. 22 | 48.0 | July 1 | 78.2 | 57.1 | 67.6 | 34.3 | 2.3 | 21.1 | 4 | 17 | 344 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT EASTLEIGH, NAIROBI 1946.

Lat.: 1° 17'S  Long.: 36° 50'E  Alt. 5371 ft.  Standard Time 3h 00m East.  Reference Number 91.36/87.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max: Fall in 24hrs. | Date | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.799 | 24.702 | 64.3 | 78.8 | 56.5 | 58.8 | .461 | .499 | .144 | .493 | 76 | 50 | 4.3 | 5.0 | 3 | 11 | 10 | 5 | 2 | 13.0 | 0.51 | 0.51 | 11 | 1 | 1 |
| February | 24.782 | 24.681 | 65.3 | 82.5 | 54.0 | 49.1 | .419 | .351 | .210 | .771 | 67 | 31 | 3.0 | 4.8 | 6 | 9 | 8 | 4 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | 24.784 | 24.684 | 66.6 | 80.7 | 57.0 | 50.9 | .470 | .375 | .189 | .685 | 71 | 35 | 5.7 | 5.9 | 0 | 9 | 9 | 10 | 3 | 31.2 | 1.23 | 0.96 | 1 | 5 | 0 |
| April | 24.799 | 24.717 | 64.3 | 76.0 | 60.8 | 59.2 | .537 | .508 | .068 | .396 | 89 | 56 | 8.4 | 7.6 | 0 | 1 | 3 | 22 | 4 | 132.6 | 5.22 | 0.97 | 12 | 15 | 1 |
| May | 24.838 | 24.758 | 62.5 | 73.9 | 58.5 | 58.1 | .493 | .467 | .077 | .358 | 87 | 58 | 7.7 | 7.7 | 0 | 4 | 2 | 22 | 3 | 70.4 | 2.77 | 0.78 | 1 | 12 | 1 |
| June | 24.870 | 24.793 | 60.3 | 73.6 | 54.1 | 53.2 | .422 | .408 | .104 | .428 | 80 | 49 | 6.7 | 7.2 | 0 | 7 | 4 | 11 | 8 | 3.3 | 0.13 | 0.05 | 8 | 5 | 0 |
| July | 24.855 | 24.793 | 58.8 | 70.2 | 52.5 | 50.9 | .399 | .375 | .100 | .369 | 80 | 50 | 7.5 | 6.4 | 1 | 5 | 3 | 11 | 11 | 9.7 | 0.38 | 0.27 | 30 | 5 | 0 |
| August | 24.861 | 24.795 | 57.9 | 67.8 | 53.8 | 53.1 | .416 | .405 | .068 | .280 | 86 | 59 | 9.3 | 8.7 | 0 | 1 | 1 | 9 | 20 | 32.3 | 1.27 | 0.24 | 5 | 14 | 0 |
| September | 24.849 | 24.758 | 59.3 | 71.6 | 55.2 | 53.8 | .440 | .416 | .071 | .364 | 86 | 53 | 9.2 | 7.7 | 0 | 0 | 1 | 14 | 15 | 51.8 | 2.04 | 0.41 | 12 | 11 | 0 |
| October | 24.817 | 24.708 | 62.2 | 75.5 | 57.0 | 52.3 | .470 | .396 | .094 | .496 | 83 | 44 | 7.9 | 6.8 | 0 | 3 | 3 | 17 | 8 | 196.8 | 7.75 | 2.08 | 9 | 13 | 2 |
| November | 24.793 | 24.696 | 64.1 | 73.9 | 56.8 | 55.2 | .499 | .440 | .103 | .405 | 83 | 52 | 7.4 | 6.1 | 0 | 3 | 4 | 19 | 4 | 113.8 | 4.48 | 2.50 | 9 | 12 | 0 |
| December | 24.782 | 24.693 | 64.5 | 75.3 | 57.0 | 53.8 | .470 | .416 | .144 | .470 | 76 | 47 | 4.8 | 4.9 | 1 | 12 | 4 | 13 | 1 | 55.6 | 2.19 | 1.20 | 10 | 7 | 0 |
| Year | 24.819 | 24.731 | 62.5 | 75.0 | 56.3 | 54.0 | .458 | .423 | .114 | .460 | 80 | 49 | 6.8 | 6.7 | 11 | 65 | 52 | 157 | 80 | 710.5 | 27.97 | 2.50 | Nov. 9 | 100 | 5 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calms | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 30 | 0 | 0 | 5.6 | 13.9 | 85.4 | 19 | 50.3 | 4 | 80.4 | 54.8 | 67.6 | 32.5 | 16.6 | 25.6 | 0 | 0 | 31 |
| February | 16 | 9 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 27 | 0 | 0 | 3.8 | 12.8 | 88.2 | 21 | 48.6 | 19 | 84.1 | 53.9 | 69.0 | 36.1 | 21.4 | 30.6 | 0 | 0 | 28 |
| March | 5 | 17 | 4 | 0 | 0 | 0 | 0 | 5 | 0 | 31 | 0 | 0 | 3.8 | 10.5 | 87.5 | 12 | 50.0 | 13 | 83.0 | 57.1 | 70.1 | 35.5 | 14.0 | 25.8 | 0 | 2 | 29 |
| April | 3 | 14 | 8 | 2 | 0 | 1 | 0 | 0 | 2 | 28 | 0 | 0 | 3.8 | 8.5 | 85.0 | 11 | 50.5 | 5 | 78.4 | 60.1 | 69.3 | 30.5 | 10.7 | 18.3 | 0 | 1 | 29 |
| May | 2 | 5 | 2 | 2 | 12 | 4 | 0 | 0 | 4 | 27 | 0 | 0 | 2.9 | 5.8 | 81.0 | 27 | 54.5 | 27 | 76.0 | 59.3 | 67.7 | 26.5 | 12.8 | 16.7 | 0 | 4 | 27 |
| June | 2 | 1 | 1 | 5 | 13 | 5 | 2 | 0 | 1 | 29 | 0 | 0 | 3.1 | 4.5 | 80.0 | often | 49.0 | 25 | 75.8 | 54.8 | 65.3 | 28.0 | 12.0 | 21.1 | 0 | 0 | 30 |
| July | 4 | 4 | 1 | 8 | 5 | 3 | 2 | 2 | 2 | 29 | 0 | 0 | 2.5 | 3.6 | 82.0 | 2 | 47.5 | 11 | 73.0 | 54.3 | 63.7 | 32.5 | 7.0 | 18.7 | 0 | 4 | 27 |
| August | 1 | 4 | 4 | 9 | 7 | 5 | 0 | 0 | 1 | 30 | 0 | 0 | 2.9 | 4.7 | 77.1 | 22 | 49.0 | 27 | 69.6 | 55.1 | 62.3 | 26.0 | 2.3 | 14.5 | 1 | 7 | 23 |
| September | 1 | 8 | 6 | 4 | 7 | 0 | 0 | 0 | 4 | 26 | 0 | 0 | 2.7 | 5.6 | 77.9 | 1 | 50.0 | 1 | 74.4 | 56.4 | 65.4 | 29.9 | 9.5 | 18.0 | 0 | 2 | 28 |
| October | 2 | 16 | 8 | 1 | 0 | 0 | 0 | 1 | 3 | 28 | 0 | 0 | 3.4 | 7.8 | 82.0 | 16 | 49.0 | 3 | 77.7 | 57.4 | 67.5 | 31.5 | 9.6 | 20.3 | 0 | 2 | 29 |
| November | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 29 | 0 | 0 | 5.6 | 11.0 | 80.9 | 23 | 54.4 | 9 | 75.3 | 59.0 | 67.1 | 24.5 | 7.5 | 16.3 | 0 | 3 | 27 |
| December | 6 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 4.7 | 11.6 | 80.3 | 18 | 50.0 | 27 | 76.5 | 57.1 | 66.8 | 27.3 | 11.2 | 19.4 | 0 | 1 | 30 |
| Year | 65 | 124 | 41 | 3 | 45 | 18 | 6 | 13 | 22 | 343 | 0 | 0 | 3.7 | 8.4 | 88.2 | Feb 21 | 47.9 | July 1 | 77.0 | 56.6 | 66.8 | 36.1 | 2.3 | 20.4 | 1 | 26 | 338 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOYALE, D.C. 1946

Lat.: 3° 32'N Long.: 39° 03'E Alt.: 3650 feet. Standard Time 3h 00m East Reference Number 86.39/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfa | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max Fall in 24hrs ins. | Date | Rain | Thunder |
| | ins | ins | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 72.7 | 84.9 | 51.3 | 48.2 | .381 | .340 | .427 | .871 | 47 | 28 | 1.2 | 1.5 | 2 | 5 | 1 | 1 | 0 | 3.3 | 0.13 | 0.13 | 27 | | 0 |
| February | | | 75.1 | 88.0 | 50.5 | 48.0 | .369 | .337 | .508 | .998 | 42 | 25 | 1.9 | 2.7 | 9 | 4 | 0 | 4 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 74.0 | 85.9 | 60.4 | 58.1 | .529 | .487 | .316 | .759 | 63 | 39 | 3.0 | 5.0 | 3 | 19 | 5 | 2 | 2 | 62.7 | 2.47 | 0.90 | 8 | 7 | 0 |
| April | | | 69.0 | 77.7 | 64.6 | 64.9 | .614 | .620 | .104 | .337 | 86 | 65 | 8.0 | 5.3 | 0 | 2 | 5 | 7 | 16 | 191.3 | 7.53 | 1.70 | 5 | 19 | 0 |
| May | | | 68.1 | 78.2 | 62.1 | 61.5 | .561 | .549 | .133 | .426 | 81 | 56 | 6.9 | 4.2 | 0 | 7 | 4 | 8 | 12 | 28.7 | 1.13 | 0.34 | 7 | 2 | 0 |
| June | | | 66.3 | 76.4 | 57.2 | 56.5 | .473 | .46 | .180 | .457 | 72 | 50 | 7.7 | 6.9 | 0 | 2 | 6 | 15 | 7 | 7.4 | 0.29 | 0.18 | 17 | 3 | 0 |
| July | | | 64.8 | 74.3 | 56.3 | 55.8 | .458 | .449 | .159 | .407 | 74 | 52 | 7.9 | 6.5 | 0 | 1 | 7 | 12 | 9 | 6.1 | 0.24 | 0.12 | 30 | 3 | 0 |
| August | | | 63.4 | 72.0 | 57.2 | 58.8 | .473 | .499 | .115 | .292 | 80 | 62 | 8.4 | 7.4 | 0 | 3 | 3 | 5 | 20 | 82.0 | 3.23 | 2.12 | 11 | 9 | 0 |
| September | | | 64.7 | 73.8 | 58.5 | 59.0 | .493 | .502 | .124 | .337 | 80 | 60 | 8.1 | 6.4 | 0 | 3 | 3 | 7 | 17 | 95.2 | 3.75 | 0.90 | 22 | 12 | 0 |
| October | | | 67.2 | 77.4 | 62.2 | 60.1 | .564 | .523 | .109 | .425 | 84 | 55 | 8.4 | 5.2 | 0 | 3 | 1 | 12 | 13 | 51.8 | 2.04 | 0.36 | 19 | 12 | 0 |
| November | | | 72.0 | 82.7 | 60.3 | 54.3 | .526 | .425 | .265 | .706 | 66 | 38 | 4.6 | 4.8 | 1 | 2 | 5 | 10 | 2 | 32.5 | 1.28 | 0.75 | 5 | 3 | 0 |
| December | - | - | 74.2 | 84.9 | 54.1 | 50.9 | .422 | .375 | .428 | .836 | 49 | 31 | 2.4 | 2.7 | 10 | 13 | 2 | 4 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| Year | | | 69.3 | 79.7 | 57.9 | 56.3 | .489 | .464 | .239 | .571 | 69 | 47 | 5.7 | 4.9 | 35 | 94 | 42 | 87 | 99 | 561.0 | 22.09 | 2.12 | Aug 11 | 81 | 10 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 12 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 12 | 0 | 1.9 | 8.9 | 90.2 | 31 | 62.2 | 1 | 87.5 | 65.1 | 76.3 | 25.2 | 18.6 | 22.6 | 0 | 0 | 29 |
| February | 0 | 11 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 6 | 0 | 9.6 | 14.3 | 95.3 | 24 | 62.3 | 9 | 91.1 | 66.9 | 79.0 | 28.2 | 20.6 | 24.1 | 0 | 0 | 27 |
| March | 0 | 1 | 17 | 13 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.9 | 10.7 | 92.2 | 14 | 62.1 | 3 | 88.7 | 67.4 | 78.1 | 25.8 | 14.9 | 21.3 | 0 | 0 | 31 |
| April | 1 | 0 | 11 | 15 | 1 | 0 | 0 | 0 | 2 | 27 | 1 | 0 | 6.3 | 7.4 | 87.9 | 1 | 64.0 | 5 | 80.8 | 66.0 | 73.4 | 19.5 | 10.1 | 14.8 | 3 | 11 | 16 |
| May | 0 | 0 | 1 | 24 | 6 | 0 | 0 | 0 | 0 | 23 | 8 | 0 | 10.5 | 8.5 | 84.2 | 16,19 | 62.3 | 31 | 80.6 | 64.6 | 72.6 | 20.4 | 10.2 | 16.0 | 2 | 13 | 16 |
| June | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 13.2 | 9.2 | 82.2 | 6 | 60.0 | 28 | 78.2 | 63.0 | 70.6 | 18.6 | 10.0 | 15.3 | 0 | 0 | 30 |
| July | 0 | 0 | 1 | 9 | 19 | 0 | 0 | 0 | 0 | 23 | 6 | 0 | 11.2 | 11.2 | 80.1 | 2 | 59.1 | 31 | 76.2 | 61.6 | 68.9 | 19.2 | 8.2 | 14.8 | 1 | 0 | 28 |
| August | 0 | 0 | 0 | 1 | 18 | 10 | 1 | 0 | 1 | 13 | 17 | 0 | 18.3 | 15.4 | 81.0 | 21 | 56.0 | 12 | 74.4 | 60.8 | 67.6 | 19.0 | 7.0 | 13.6 | 3 | 8 | 20 |
| September | 0 | 0 | 1 | 23 | 5 | 0 | 0 | 0 | 1 | 28 | 1 | 0 | 8.9 | 7.8 | 83.9 | 21 | 58.6 | 19 | 76.3 | 61.7 | 69.0 | 21.6 | 8.6 | 14.7 | 4 | 2 | 24 |
| October | 0 | 0 | 4 | 25 | 0 | 0 | 0 | 0 | 0 | 27 | 2 | 0 | 7.2 | 8.1 | 85.0 | 16 | 60.6 | 4 | 79.9 | 63.2 | 71.5 | 22.0 | 10.0 | 16.6 | 2 | 1 | 26 |
| November | 0 | 0 | 5 | 25 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 7.4 | 8.5 | 88.4 | 20 | 61.8 | 16 | 84.5 | 64.4 | 74.5 | 23.6 | 14.0 | 20.1 | 0 | 0 | 30 |
| December | 0 | 0 | 13 | 16 | 1 | 0 | 0 | 0 | 0 | 23 | 7 | 0 | 10.5 | 8.9 | 89.9 | 18 | 62.3 | 30 | 86.8 | 65.3 | 76.1 | 25.9 | 16.6 | 21.3 | 0 | 0 | 30 |
| Year | 2 | 24 | 84 | 171 | 60 | 10 | 1 | 0 | 5 | 277 | 75 | 0 | 10.2 | 9.9 | 95.3 | Feb. 24 | 56.0 | Aug. 12 | 82.1 | 64.2 | 73.1 | 28.2 | 7.0 | 17.9 | 15 | 35 | 307 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT RUMURUTI 1946.

Lat.: 0° 16'N Long.: 36° 32'E Alt.: 6090 feet Standard Time 3h 00m East Reference Number 89.36/01.

| Month | Atmospheric Pressure © | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of cloud amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs ins. | Date | Rain | Thunder |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | | 61.2 | 77.7 | 49.8 | 43.5 | .360 | .284 | .183 | .673 | 66 | 30 | 2.4 | 4.9 | 6 | 14 | 7 | 1 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | - | - | 60.8 | 80.7 | 47.1 | 41.0 | .325 | .257 | .212 | .803 | 60 | 24 | 1.4 | 5.2 | 11 | 13 | 2 | 0 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 64.7 | 82.7 | 46.8 | 46.4 | .322 | .316 | .295 | .815 | 52 | 28 | 2.1 | 4.7 | 9 | 14 | 3 | 2 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| April | | | 64.0 | 76.2 | 56.7 | 53.6 | .464 | .413 | .138 | .500 | 77 | 45 | 3.5 | 6.5 | 1 | 13 | 10 | 2 | 0 | 46.0 | 1.81 | 0.50 | 13 | 13 | 0 |
| May | | | 64.6 | 74.7 | 55.8 | 52.5 | .449 | .399 | .165 | .466 | 73 | 47 | 2.8 | 6.5 | 9 | 9 | 5 | 4 | 0 | 69.8 | 2.75 | 1.70 | 3 | 6 | 0 |
| June | | | 61.3 | 75.3 | 52.7 | 51.8 | .402 | .387 | .144 | .499 | 74 | 44 | 3.3 | 6.6 | 6 | 8 | 5 | 4 | 0 | 32.3 | 1.27 | 0.45 | 2 | 6 | 0 |
| July | | | 60.4 | 74.1 | 52.7 | 53.6 | .402 | .413 | .127 | .437 | 76 | 50 | 3.9 | 6.2 | 4 | 12 | 4 | 5 | 1 | 21.8 | 0.86 | 0.40 | 3,23 | 5 | 0 |
| August | - | - | 59.0 | 71.3 | 52.7 | 52.0 | .402 | .390 | .103 | .381 | 80 | 51 | 5.5 | 7.2 | 1 | 8 | 6 | 14 | 2 | 76.5 | 3.01 | 0.95 | 10 | 14 | 0 |
| September | - | - | 61.4 | 76.0 | 53.8 | 52.2 | .416 | .393 | .130 | .511 | 76 | 43 | 2.6 | 5.6 | 8 | 11 | 8 | 3 | 0 | 37.8 | .49 | 0.55 | 3 | 9 | 0 |
| October | - | - | 62.2 | 77.2 | 53.8 | 50.7 | .416 | .372 | .148 | .570 | 74 | 40 | 4.0 | 5.0 | 3 | 10 | 11 | 6 | 1 | 32.3 | 1.27 | 0.34 | 4 | 16 | 0 |
| November | - | - | 65.2 | 75.9 | 56.1 | 51.3 | .455 | .381 | .171 | .523 | 73 | 42 | 4.3 | 5.7 | 0 | 13 | 11 | 6 | 0 | 55.9 | 2.20 | 0.74 | 26 | 6 | 0 |
| December | - | - | 66.2 | 77.4 | 53.8 | 44.8 | .416 | .298 | .234 | .650 | 64 | 31 | 3.1 | 5.2 | 5 | 14 | 8 | 4 | 0 | 6.6 | 0.26 | 0.17 | 5 | 4 | 0 |
| Year | - | - | 62.6 | 76.6 | 52.7 | 49.5 | .402 | .359 | .171 | .569 | 70 | 40 | 3.2 | 5.8 | 63 | 139 | 80 | 51 | 4 | 379.0 | 14.92 | 1.70 | May 3 | 79 | 0 |

© At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 1 | 10 | 1 | 6 | 0 | 0 | 0 | 10 | 18 | 0 | 0 | 2.0 | 8.3 | 83.0 | often | 40.0 | 5,17 | 80.2 | 43.6 | 61.9 | 43.0 | 27.0 | 36.3 | 0 | 0 | 28 |
| February | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 12 | 14 | 0 | 0 | 1.1 | 9.4 | 86.0 | 27 | 40.0 | 7,8,27 | 83.2 | 43.6 | 63.4 | 46.0 | 33.0 | 39.6 | 0 | 0 | 26 |
| March | 0 | 0 | 14 | 1 | 0 | 0 | 0 | 0 | 13 | 15 | 0 | 0 | 1.1 | 8.7 | 86.0 | 7,14,26 | 41.0 | 22 | 83.3 | 47.2 | 65.3 | 42.0 | 27.0 | 36.3 | 0 | 0 | 28 |
| April | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 5 | 21 | 0 | 0 | 1.8 | 6.9 | 84.0 | often | 45.0 | 1,29 | 80.3 | 50.1 | 65.2 | 39.0 | 22.0 | 30.5 | 0 | 0 | 26 |
| May | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 6 | 20 | 1 | 0 | 2.2 | 5.4 | 82.0 | often | 41.0 | 20 | 79.7 | 50.7 | 65.2 | 39.0 | 20.0 | 28.7 | 0 | 0 | 27 |
| June | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 1 | 0 | 2.5 | 5.6 | 84.0 | 9 | 41.0 | 7 | 79.0 | 47.1 | 63.1 | 36.0 | 26.0 | 31.5 | 0 | 0 | 23 |
| July | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 0 | 0 | 2.0 | 8.3 | 81.0 | 28 | 40.0 | often | 77.1 | 48.1 | 62.6 | 39.0 | 12.0 | 28.7 | 0 | 0 | 26 |
| August | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 12 | 13 | 6 | 0 | 6.0 | 12.3 | 79.8 | 2 | 41.9 | 1 | 74.6 | 51.1 | 62.9 | 37.8 | 11.9 | 23.5 | 0 | 0 | 31 |
| September | 8 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 16 | 8 | 6 | 0 | 4.5 | 11.0 | 81.0 | 29 | 40.5 | 21 | 78.3 | 46.9 | 62.6 | 37.4 | 21.3 | 31.4 | 0 | 0 | 30 |
| October | 7 | 0 | 0 | 0 | 1 | 0 | 3 | 2 | 18 | 13 | 0 | 0 | 2.0 | 11.0 | 83.0 | 1, 4 | 39.0 | 3 | 79.2 | 49.6 | 64.4 | 43.2 | 12.8 | 29.6 | 0 | 0 | 31 |
| November | 4 | 0 | 0 | 0 | 0 | 2 | 10 | 1 | 13 | 16 | 1 | 0 | 2.2 | 12.3 | 81.9 | 23 | 43.1 | 28 | 77.5 | 50.8 | 64.1 | 38.4 | 12.2 | 26.7 | 0 | 0 | 30 |
| December | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 24 | 7 | 0 | 0 | 0.9 | 9.2 | 82.9 | 18 | 42.0 | 14,16 | 79.5 | 48.3 | 63.9 | 40.0 | 21.1 | 31.2 | 0 | 0 | 31 |
| Year | 24 | 3 | 146 | 2 | 7 | 2 | 14 | 6 | 133 | 189 | 15 | 0 | 2.4 | 9.0 | 86.0 | (1) | 39.0 | Oct. 3 | 79.3 | 48.1 | 63.7 | 46.0 | 11.9 | 31.2 | 0 | 0 | 337 |

(1) Several dates:- 27th February and 7th, 14th and 26th March, 1946.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT THIKA 1946.

Lat.: 1° 01'S Long.: 37° 06'E Alt.: 4800 ft. Standard Time 3h 00m East. Reference Number 91.37/48.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasion at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24 hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 65.9 | 81.1 | 55.9 | 53.2 | .452 | .408 | .189 | .664 | 71 | 38 | 3.5 | 4.7 | 6 | 10 | 10 | 1 | 3 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | - | - | 68.5 | 85.7 | 54.0 | 48.2 | .419 | .340 | .284 | .900 | 60 | 27 | 2.2 | 3.6 | 2 | 22 | 2 | 1 | 1 | 1.0 | 0.04 | 0.04 | 28 | 1 | 0 |
| March | - | - | 68.7 | 84.5 | 58.1 | 51.3 | .487 | .381 | .222 | .815 | 69 | 32 | 4.5 | 5.7 | 1 | 12 | 8 | 9 | 1 | 34.0 | 1.34 | 0.76 | 1 | 5 | 0 |
| April | - | - | 66.6 | 79.1 | 61.9 | 57.2 | .558 | .473 | .101 | .531 | 85 | 47 | 8.3 | 7.7 | 0 | 0 | 2 | 23 | 4 | 231.4 | 9.11 | 1.41 | 13 | 19 | 0 |
| May | - | - | 65.4 | 77.3 | 59.4 | 59.4 | .511 | .511 | .121 | .437 | 81 | 54 | 7.8 | 7.1 | 0 | 2 | 3 | 19 | 6 | 154.2 | 6.07 | 2.56 | 27 | 9 | 0 |
| June | - | - | 62.3 | 76.8 | 56.1 | 55.6 | .455 | .446 | .109 | .484 | 80 | 48 | 7.1 | 6.6 | 0 | 5 | 6 | 11 | 8 | 4.1 | 0.16 | 0.13 | 8 | 2 | 0 |
| July | - | - | 60.5 | 73.7 | 54.9 | 53.4 | .434 | .410 | .098 | .429 | 81 | 49 | 8.0 | 8.2 | 0 | 3 | 4 | 12 | 12 | 7.9 | 0.31 | 0.19 | 30 | 2 | 0 |
| August | - | - | 59.4 | 71.5 | 55.4 | 53.2 | .443 | .408 | .068 | .369 | 87 | 52 | 9.5 | 8.5 | 0 | 0 | 1 | 6 | 24 | 38.6 | 1.52 | 0.89 | 11 | 9 | 0 |
| September | - | - | 60.8 | 74.7 | 56.3 | 55.2 | .458 | .440 | .079 | .425 | 85 | 51 | 9.4 | 7.2 | 0 | 0 | 2 | 6 | 22 | 56.1 | 2.21 | 0.81 | 23 | 9 | 0 |
| October | - | - | 63.5 | 79.4 | 59.0 | 53.2 | .502 | .408 | .089 | .602 | 85 | 40 | 8.0 | 7.0 | 0 | 2 | 4 | 16 | 9 | 139.7 | 5.50 | 1.42 | 31 | 11 | 0 |
| November | - | - | 65.3 | 77.6 | 60.4 | 57.4 | .529 | .475 | .100 | .479 | 84 | 50 | 7.8 | 6.5 | 0 | 1 | 3 | 21 | 5 | 138.9 | 5.47 | 1.91 | 6 | 12 | 0 |
| December | - | - | 65.9 | 78.9 | 59.2 | 55.9 | .508 | .452 | .133 | .546 | 79 | 45 | 5.6 | 5.5 | 1 | 7 | 9 | 13 | 1 | 93.7 | 3.69 | 1.64 | 10 | 7 | 0 |
| Year | - | - | 64.4 | 78.4 | 57.5 | 54.4 | .480 | .429 | .133 | .557 | 79 | 44 | 6.8 | 6.5 | 10 | 64 | 54 | 138 | 96 | 899.6 | 35.42 | 2.56 | May 27 | 86 | 0 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 4 | 12 | 4 | 0 | 1 | 1 | 1 | 7 | 0 | 30 | 0 | 0 | 5.8 | 11.6 | 86.0 | often | 46.0 | 8 | 82.4 | 51.6 | 67.0 | 36.0 | 21.0 | 30.9 | 0 | 0 | 30 |
| February | 6 | 8 | 2 | 0 | 1 | 0 | 3 | 8 | 0 | 25 | 3 | 0 | 6.7 | 14.8 | 91.0 | 27 | 43.0 | 18 | 87.3 | 49.7 | 68.5 | 44.0 | 28.0 | 37.5 | 0 | 0 | 28 |
| March | 5 | 10 | 5 | 4 | 1 | 0 | 1 | 5 | 0 | 28 | 3 | 0 | 5.4 | 11.9 | 90.0 | 13 | 48.0 | 23 | 87.0 | 54.4 | 70.7 | 40.0 | 21.0 | 32.6 | 0 | 0 | 31 |
| April | 1 | 9 | 5 | 9 | 4 | 0 | 0 | 1 | 0 | 24 | 5 | 0 | 7.4 | 11.4 | 87.5 | 2 | 56.0 | 6 | 81.5 | 60.0 | 70.7 | 28.5 | 16.5 | 21.4 | 0 | 0 | 29 |
| May | 1 | 5 | 1 | 6 | 6 | 7 | 0 | 4 | 0 | 26 | 4 | 0 | 7.6 | 11.4 | 83.0 | often | 51.0 | 26 | 80.3 | 58.9 | 69.6 | 31.0 | 15.0 | 21.3 | 0 | 0 | 30 |
| June | 0 | 4 | 3 | 3 | 7 | 8 | 3 | 2 | 0 | 26 | 4 | 0 | 6.9 | 8.9 | 83.0 | 1 | 49.0 | 29 | 80.0 | 55.7 | 67.9 | 32.0 | 19.0 | 24.3 | 0 | 0 | 30 |
| July | 5 | 3 | 3 | 6 | 5 | 2 | 1 | 6 | 0 | 29 | 2 | 0 | 5.8 | 7.6 | 84.0 | 2 | 47.0 | 3 | 78.3 | 53.6 | 65.9 | 36.5 | 16.0 | 24.7 | 0 | 1 | 30 |
| August | 1 | 4 | 10 | 7 | 5 | 1 | 0 | 1 | 2 | 28 | 1 | 0 | 4.5 | 9.2 | 81.2 | 1 | 49.0 | 1,27 | 78.6 | 55.8 | 67.2 | 32.2 | 17.0 | 22.8 | 0 | 2 | 29 |
| September | 3 | 2 | 8 | 8 | 5 | 2 | . | 1 | 0 | 28 | 2 | 0 | 6.0 | 13.2 | 84.0 | often | 52.0 | 19 | 81.7 | 56.3 | 69.3 | 31.0 | 15.0 | 24.8 | 0 | 1 | 29 |
| October | 4 | 4 | 7 | 4 | 5 | 4 | 2 | 1 | 0 | 30 | 1 | 0 | 6.0 | 10.1 | 85.0 | often | 47.0 | 17 | 82.6 | 56.0 | 69.3 | 38.0 | 17.0 | 26.6 | 0 | 0 | 31 |
| November | 6 | 16 | 6 | 1 | 0 | 0 | 0 | 1 | 0 | 25 | 5 | 0 | 7.8 | 13.0 | 84.0 | often | 51.0 | 14,19 | 80.7 | 57.6 | 69.1 | 31.0 | 16.0 | 23.1 | 0 | . | 29 |
| December | 8 | 13 | 4 | 2 | 1 | 0 | 2 | 1 | 0 | 27 | 4 | 0 | 6.3 | 13.4 | 84.0 | 2 | 49.0 | often | 80.3 | 54.2 | 67.3 | 33.0 | 17.0 | 26.0 | 0 | 0 | 31 |
| Year | 44 | 90 | 58 | 50 | 41 | 25 | 14 | 38 | 2 | 326 | 34 | 0 | 6.3 | 11.4 | 91.0 | Feb. 27 | 43.0 | Feb. 18 | 81.7 | 55.4 | 68.5 | 44.0 | 15.0 | 26.3 | 0 | 5 | 357 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT VOI METEOROLOGICAL STATION 1946.

Lat.: 3° 24'S Long.: 38° 34'E Alt.: 1837 ft. Standard Time 3h 00m East. Reference Number 93.38/01.

| Month | Atmospheric Pressure @ h 8.30 ins. | Atmospheric Pressure @ h 14.30 ins | Temperature Dry Bulb h 8.30 F. | Temperature Dry Bulb h 14.30 F. | Temperature Dew Point h 8.30 F. | Temperature Dew Point h 14.30 F. | Vapour Pressure h 8.30 ins. | Vapour Pressure h 14.30 ins. | Saturation Deficit h 8.30 ins. | Saturation Deficit h 14.30 ins. | Relative Humidity h 8.30 % | Relative Humidity h 14.30 % | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 1 3 | 4 6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thun der. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | - | - | 73.2 | 87.5 | 64.4 | 59.5 | .608 | .514 | .216 | .797 | 74 | 39 | 8.6 | 7.4 | 0 | 1 | 2 | 18 | 10 | 2.0 | 0.08 | 0.03 | 20 | 5 | 0 |
| February | - | - | 73.9 | 90.0 | 64.9 | 58.6 | .620 | .496 | .225 | .924 | 73 | 35 | 7.9 | 5.0 | 1 | 2 | 2 | 13 | 10 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 74.6 | 90.1 | 65.5 | 59.7 | .635 | .517 | .230 | .912 | 74 | 36 | 6.3 | 6.2 | 1 | 7 | 6 | 12 | 5 | 39.4 | 1.55 | 1.38 | 1 | 3 | 1 |
| April | - | - | 76.2 | 89.2 | 67.5 | 61.0 | .676 | .540 | .237 | .848 | 74 | 39 | 6.8 | 8.3 | 0 | 6 | 6 | 17 | 1 | 76.7 | 3.02 | 2.23 | 25 | 7 | 5 |
| May | - | - | 73.5 | 83.7 | 64.2 | 61.2 | .605 | .543 | .231 | .621 | 72 | 47 | 6.1 | 8.2 | 0 | 9 | 6 | 11 | 5 | 87.6 | 3.45 | 2.36 | 6 | 7 | 2 |
| June | - | - | 71.7 | 82.7 | 60.1 | 56.1 | .523 | .455 | .263 | .676 | 67 | 40 | 4.6 | 7.9 | 4 | 10 | 4 | 9 | 3 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | - | - | 69.5 | 80.3 | 59.2 | 55.2 | .508 | .440 | .218 | .602 | 70 | 42 | 4.3 | 7.3 | 2 | 14 | 6 | 5 | 4 | 2.3 | 0.09 | 0.09 | 30 | 1 | 0 |
| August | - | - | 69.6 | 79.0 | 60.1 | 56.5 | .523 | .461 | .206 | .537 | 72 | 46 | 7.0 | 9.1 | 0 | 6 | 2 | 17 | 6 | 6.3 | 0.25 | 0.07 | 22,27 | 5 | 0 |
| September | - | - | 70.0 | 78.1 | 61.5 | 59.4 | .549 | .511 | .189 | .458 | 74 | 53 | 6.6 | 9.0 | 0 | 10 | 1 | 10 | 9 | 138.2 | 5.44 | 1.55 | 22 | 9 | 0 |
| October | - | - | 73.2 | 83.5 | 63.0 | 60.3 | .579 | .526 | .245 | .629 | 70 | 46 | 5.5 | 6.0 | 0 | 10 | 8 | 10 | 3 | 30.0 | 1.18 | 0.48 | 30 | 6 | 0 |
| November | - | - | 75.5 | 86.5 | 66.6 | 63.9 | .659 | .597 | .233 | .679 | 74 | 47 | 6.5 | 7.0 | 0 | 10 | 2 | 12 | 6 | 15.0 | 0.59 | 0.34 | 12 | 7 | 3 |
| December | - | - | 75.3 | 86.4 | 66.6 | 63.1 | .659 | .585 | .227 | .662 | 74 | 46 | 6.9 | 6.7 | 0 | 6 | 3 | 16 | 6 | 40.1 | 1.58 | 0.42 | 25 | 10 | 5 |
| Year | | | 73.0 | 84.7 | 63.6 | 59.5 | .595 | 515 | 227 | .697 | 72 | 43 | 6.4 | 7.3 | 8 | 91 | 46 | 150 | 56 | 437.6 | 17.23 | 2.36 | May 6 | 60 | 2 |

@ At Station level : corrected for temperature and to Standard Gravity

| Month | Frequency of Wind Direction at 8.30h. N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h. 1-3 | 4-7 | > 7 | Mean Wind Velocity h 8.30 m.p.h. | h 14.30 m.p.h. | Extremes of Temperature of the Air Max. F. | Date | Min. F. | Date | Mean Max. F. | Mean Min. F. | ½ Max + Min F. | Range Max. F. | Range Min F. | Mean F. | Frequency of Visibility at 8.30h Poor | Good |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3 | 20 | 4 | 0 | 1 | 2 | 0 | 1 | 0 | 30 | 1 | 0 | 7.2 | 10.1 | 92.7 | 10 | 63.2 | 10,25 | 89.3 | 66.6 | 79.- | 29.5 | 16.5 | 20.- | 0 | 31 |
| February | 7 | 12 | 2 | 0 | 0 | 5 | 2 | 0 | 0 | 25 | 3 | 0 | 6.5 | 12.1 | 97.3 | 20 | 64.- | 17 | 91.6 | 68.7 | 80.3 | 31.2 | 13.2 | 23.- | 0 | 25 |
| March | 4 | 12 | 4 | 0 | 1 | 8 | 2 | 0 | 0 | 31 | 0 | 0 | 4.5 | 8.1 | 96.2 | 19 | 65.0 | 6 | 92.0 | 69.0 | 80.5 | 29.4 | 12.5 | 23.0 | 0 | 31 |
| April | 0 | 1 | 1 | 1 | 0 | 27 | 0 | 0 | 0 | 27 | 3 | 0 | 8.5 | 6.7 | 95.3 | 8 | 67.2 | 27 | 91.0 | 70.9 | 80.9 | 24.2 | 14.7 | 20.0 | 0 | 30 |
| May | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 22 | 9 | 0 | 10.5 | 7.8 | 89.4 | 11 | 64.4 | 12 | 85.4 | 68.5 | 76.9 | 24.2 | 7.3 | 16.9 | 0 | 31 |
| June | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 0 | 6.9 | 7.6 | 88.6 | 5 | 62.- | 30 | 84.5 | 66.2 | 75.3 | 22.9 | 7.8 | 16.3 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 0 | 0 | 6.0 | 8.3 | 86.7 | 19 | 61.5 | 3 | 82.0 | 64.0 | 73.0 | 24.4 | 7.5 | 18.0 | 0 | 31 |
| August | 0 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 31 | 0 | 0 | 6.3 | 7.8 | 86.6 | 26 | 58.2 | 31 | 81.0 | 64.6 | 72.8 | 25.9 | 10.1 | 18.4 | 0 | 31 |
| September | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 1 | 29 | 0 | 0 | 6.0 | 8.5 | 88.8 | 20 | 56.5 | 25 | 80.5 | 64.6 | 72.5 | 24.6 | 4.4 | 15.9 | 0 | 30 |
| October | 0 | 0 | 5 | 0 | 1 | 25 | 0 | 0 | 0 | 31 | 0 | 0 | 4.9 | 7.6 | 89.1 | 24 | 59.0 | 16 | 85.8 | 66.0 | 75.9 | 26.7 | 9.5 | 19.8 | 0 | 31 |
| November | 0 | 2 | 14 | 0 | 0 | 11 | 0 | 0 | 3 | 27 | 0 | 0 | 2.9 | 7.6 | 92.7 | 23 | 62.7 | 2 | 88.2 | 68.7 | 78.5 | 25.2 | 13.3 | 19.5 | 0 | 30 |
| December | 2 | 22 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 31 | 0 | 0 | 4.7 | 7.8 | 93.1 | 7 | 66.7 | 5 | 88.4 | 69.9 | 79.1 | 24.8 | 11.7 | 18.5 | 0 | 31 |
| Year | 16 | 70 | 30 | 1 | 3 | 236 | 4 | 1 | 4 | 345 | 16 | 0 | 6.2 | 8.3 | 97.3 | Feb. 20 | 56.5 | Sep. 25 | 86.7 | 67.5 | 77.1 | 31.2 | 4.4 | 19.2 | 0 | 365 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WESU, VOI 1946.

Lat.: 3° 23'S Long.: 38° 20'E Alt.: 5500 ft. Standard Time 3h 00 East. Reference Number 93.38/05.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasion at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 62.5 | 69.8 | 56.3 | 56.5 | .458 | .461 | .112 | .274 | 80 | 63 | - | - | - | - | - | - | - | 11.7 | 0.46 | 0.32 | 3 | 2 | - |
| February | - | - | 65.7 | 73.2 | 55.8 | 54.1 | .449 | .422 | .189 | .402 | 70 | 51 | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | - | 0 | - |
| March | - | - | 67.0 | 73.6 | 55.8 | 55.0 | .449 | .437 | .215 | .399 | 68 | 52 | - | - | - | - | - | - | - | 7.6 | 0.30 | 0.28 | 1 | 2 | - |
| April | - | - | 62.8 | 70.9 | 59.2 | 58.8 | .508 | .499 | .068 | .263 | 88 | 66 | - | - | - | - | - | - | - | 210.3 | 8.28 | 1.98 | 19 | 18 | - |
| May | - | - | 60.2 | 65.3 | 56.1 | 57.7 | .455 | .481 | .071 | .148 | 86 | 77 | - | - | - | - | - | - | - | 177.3 | 6.98 | 2.24 | 1 | 15 | |
| June | - | - | 58.3 | 64.3 | 53.1 | 54.0 | .405 | .419 | .085 | .186 | 83 | 68 | - | - | - | - | - | - | - | 9.7 | 0.38 | 0.18 | 7 | 3 | - |
| July | - | - | 56.6 | 63.3 | 52.5 | 56.5 | .399 | .461 | .065 | .127 | 86 | 78 | - | - | - | - | - | - | - | 7.9 | 0.31 | 0.10 | 13 | 6 | |
| August | - | - | 55.9 | 61.1 | 51.6 | 53.4 | .384 | .410 | .068 | .133 | 85 | 76 | - | - | - | - | - | - | - | 73.7 | 2.90 | 1.15 | 24 | 9 | - |
| September | - | - | 56.2 | 61.6 | 53.1 | 55.4 | .405 | .443 | .050 | .109 | 89 | 80 | - | - | - | - | - | - | - | 398.3 | 15.68 | 3.60 | 20 | 19 | - |
| October | - | - | 60.3 | 68.2 | 54.3 | 56.3 | .425 | .458 | .101 | .236 | 79 | 66 | - | - | - | - | - | - | - | 140.5 | 5.53 | 2.00 | 26 | 11 | - |
| November | - | - | 62.5 | 68.9 | 57.9 | 58.8 | .484 | .499 | .086 | .213 | 85 | 70 | - | - | - | - | - | - | - | 200.9 | 7.91 | 2.25 | 10 | 13 | |
| December | - | - | 63.2 | 68.4 | 58.3 | 59.4 | .490 | .511 | .092 | .189 | 84 | 73 | - | - | - | - | - | - | - | 214.1 | 8.43 | 2.61 | 3 | 8 | - |
| Year | - | - | 60.9 | 67.4 | 55.3 | 56.3 | .443 | .458 | .100 | .223 | 82 | 68 | - | - | - | - | - | - | - | 1452.0 | 57.16 | 3.60 | Sep. 20 | 106 | - |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | 7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Min. | Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | - | - | - | - | - | - | - | - | | | | - | | - | 76.0 | 10,17 | 54.5 | 25 | 70.9 | 57.2 | 64.1 | 17.0 | 10.0 | 13.7 | | - | |
| February | - | - | - | - | - | - | - | - | - | | - | - | - | - | 80.0 | 20,23 | 53.0 | 19 | 74.8 | 58.9 | 66.9 | 26.0 | 10.0 | 15.9 | - | | |
| March | - | - | - | - | - | - | - | - | - | | - | - | - | - | 80.0 | 19,24 | 56.0 | 29 | 75.9 | 59.0 | 67.5 | 22.0 | 10.5 | 16.8 | - | - | - |
| April | - | - | - | - | - | - | - | - | - | | - | - | - | - | 77.0 | 2 | 54.0 | 16 | 72.9 | 57.9 | 65.4 | 20.0 | 10.0 | 15.1 | - | - | - |
| May | - | - | - | - | - | - | - | - | - | | - | - | - | - | 70.0 | 1 | 53.0 | 30 | 66.6 | 55.5 | 61.1 | 14.5 | 2.5 | 11.0 | - | - | |
| June | - | - | - | - | - | - | - | - | - | | - | - | - | - | 68.0 | often | 46.5 | 26 | 65.5 | 52.8 | 59.1 | 17.5 | 10.0 | 12.8 | - | | |
| July | - | - | - | - | - | - | - | - | - | | - | - | - | - | 68.5 | 26 | 47.0 | 14 | 64.5 | 51.1 | 57.8 | 18.5 | 7.0 | 13.4 | - | - | - |
| August | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 68.0 | 6 | 49.0 | 29,31 | 63.9 | 51.5 | 57.7 | 18.0 | 5.5 | 12.5 | - | - | - |
| September | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 71.0 | 20 | 48.5 | 9 | 63.7 | 51.5 | 57.6 | 20.0 | 4.0 | 12.2 | - | - | - |
| October | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.0 | 11 | 50.0 | often | 70.2 | 53.3 | 61.7 | 24.0 | 11.0 | 16.9 | - | - | - |
| November | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 75.0 | 23 | 51.0 | 2,3 | 70.7 | 56.8 | 63.7 | 21.0 | 10.5 | 13.9 | - | - | - |
| December | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 74.0 | often | 54.0 | 7 | 70.3 | 57.5 | 63.9 | 20.0 | 9.5 | 12.8 | - | - | |
| Year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 80.0 | Feb. 20,23 Mar. 19,24 | 46.5 | June 26 | 69.2 | 55.3 | 62.2 | 26.0 | 2.5 | 13.9 | - | - | - |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WAJIR D.C. 1946.

Lat.: 1° 45'N Long.: 40° 04'E Alt.: 800 ft. Standard Time 3h 00m East Reference Number 88.40/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24 hrs | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | - | - | 76.2 | 92.4 | 67.8 | 65.5 | .688 | .635 | .225 | .901 | 77 | 41 | 2.8 | 3.4 | 19 | 2 | 0 | 9 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | - | - | 76.7 | 93.9 | 68.7 | 67.5 | .709 | .676 | .221 | .931 | 76 | 42 | 3.0 | 1.7 | 15 | 3 | 3 | 5 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 79.1 | 94.1 | 70.5 | 71.8 | .753 | .786 | .251 | .830 | 75 | 49 | 4.9 | 3.8 | 4 | 8 | 8 | 8 | 3 | 12.4 | 0.49 | 0.49 | 27 | 1 | 0 |
| April | - | - | 79.4 | 91.3 | 71.2 | 68.9 | .771 | .712 | .239 | .765 | 76 | 48 | 6.6 | 6.0 | 0 | 2 | 13 | 13 | 2 | 33.3 | 1.31 | 1.05 | 4 | 3 | 0 |
| May | - | - | 79.0 | 90.4 | 69.4 | 66.9 | .726 | .664 | .272 | .774 | 73 | 46 | 5.1 | 5.3 | 6 | 3 | 11 | 10 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| June | - | - | 76.5 | 89.0 | 67.5 | 68.4 | .679 | .700 | .239 | .682 | 74 | 51 | 5.1 | 6.2 | 5 | 4 | 9 | 10 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | - | - | 74.5 | 86.4 | 64.2 | 61.3 | .605 | .546 | .254 | .721 | 71 | 43 | 6.3 | 4.8 | 4 | 0 | 10 | 15 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | - | - | 74.8 | 86.2 | 64.0 | 62.1 | .602 | .561 | .269 | .700 | 69 | 44 | 6.9 | 6.3 | 0 | 2 | 7 | 21 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | - | - | 75.3 | 85.6 | 65.8 | 64.9 | .641 | .620 | .245 | .620 | 72 | 50 | 7.5 | 6.8 | 0 | 1 | 4 | 22 | 3 | 64.8 | 2.55 | 1.96 | 22 | 3 | 0 |
| October | - | - | 76.6 | 88.0 | 67.5 | 66.6 | .679 | .656 | .245 | .679 | 73 | 49 | 6.8 | 5.0 | 1 | 0 | 17 | 6 | 7 | 39.1 | 1.54 | 0.77 | 20 | 5 | 0 |
| November | - | - | 77.6 | 90.4 | 70.3 | 67.8 | .750 | .685 | .204 | .753 | 79 | 48 | 7.8 | 5.8 | 3 | 1 | 0 | 12 | 14 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| December | - | - | 77.7 | 91.9 | 69.3 | 64.4 | .721 | .611 | .236 | .901 | 75 | 40 | 4.8 | 5.2 | 9 | 3 | 4 | 10 | 4 | 2.3 | 0.09 | 0.09 | 22 | 1 | 0 |
| Year | - | - | 76.9 | 90.0 | 68.0 | 66.3 | .694 | .654 | .242 | .771 | 74 | 46 | 5.6 | 5.0 | 66 | 29 | 86 | 141 | 42 | 151.9 | 5.98 | 1.96 | Sep. 22 | 13 | 0 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30h | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 3 | 27 | 1 | 0 | 6.3 | 5.8 | 97.4 | often | 65.2 | 20 | 95.2 | 66.9 | 81.1 | 32.2 | 22.0 | 28.2 | 0 | 1 | 30 |
| February | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 6 | 19 | 3 | 0 | 4.0 | 3.8 | 99.4 | 24 | 61.1 | 8 | 96.9 | 65.7 | 81.3 | 35.0 | 26.2 | 31.2 | 2 | 0 | 26 |
| March | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 5.4 | 5.8 | 99.4 | often | 66.2 | 10,28 | 97.0 | 69.3 | 83.1 | 32.2 | 19.5 | 27.7 | 0 | 0 | 31 |
| April | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 4.5 | 5.6 | 99.0 | 12 | 65.2 | 5 | 94.1 | 70.7 | 82.4 | 27.9 | 18.1 | 23.4 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 9.2 | 5.6 | 95.3 | 16 | 63.1 | 25 | 92.9 | 68.5 | 80.7 | 30.8 | 18.0 | 24.5 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 23 | 7 | 0 | 10.5 | 6.9 | 94.3 | 16 | 63.1 | 28 | 91.0 | 67.1 | 79.1 | 27.2 | 18.2 | 23.9 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 8.1 | 9.4 | 91.2 | 6 | 62.2 | 17 | 88.8 | 65.7 | 77.3 | 27.8 | 16.2 | 23.1 | 4 | 0 | 27 |
| August | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 7.8 | 11.2 | 92.2 | 21 | 63.1 | 26 | 88.9 | 65.0 | 76.9 | 27.8 | 20.0 | 23.9 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 6.3 | 9.8 | 94.0 | 21 | 62.1 | 1,6 | 88.9 | 64.7 | 76.8 | 30.1 | 15.6 | 24.1 | 1 | 0 | 29 |
| October | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 6.9 | 7.8 | 93.0 | 19 | 65.0 | often | 90.2 | 65.4 | 77.8 | 27.9 | 20.1 | 24.8 | 0 | 0 | 31 |
| November | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 7.2 | 8.7 | 95.2 | 20 | 65.0 | 6,10 | 92.3 | 66.2 | 79.3 | 29.0 | 22.6 | 26.1 | 0 | 0 | 30 |
| December | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 9.4 | 10.3 | 98.1 | 31 | 61.2 | 14 | 94.4 | 63.8 | 79.1 | 35.0 | 24.2 | 30.4 | 0 | 0 | 30 |
| Year | 0 | 0 | 0 | 355 | 0 | 0 | 0 | 0 | 9 | 331 | 24 | 0 | 7.1 | 7.6 | 99.4 | Feb. 24 | 61.1 | Feb. 8 | 92.5 | 66.6 | 79.6 | 35.0 | 15.6 | 25.7 | 7 | 1 | 356 |

BRITISH EAST AFRICAN METEOROLOGICAL SERVICE.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS

# IN TANGANYIKA

# FOR

# 1946.

LIBRARY
MAR 2[illegible] 1948
WEATHER BUREAU

QC
991
T3
B7
1946
[illegible]

CONTENTS.

Amani
Bukoba
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Moshi
Mpwapwa
Musoma
Mwanza
Songea
Tabora
Tanga
Ukiriguru

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT AMANI 1946.

Lat.: 5° 06'S Long.: 38° 38'E Alt.: 2989 ft. Standard Time 3h 00m East. Reference Number 95.38/03.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 6.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Thun |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1 3 | 4-6 | 7 9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 26.928 | 26.834 | 70.0 | 81.3 | 65.1 | 64.4 | .623 | .611 | .115 | 467 | 84 | 57 | 6.0 | 6.0 | 0 | 6 | 11 | 10 | 4 | 51.6 | 2.03 | 0.75 | 2 | 7 | 2 |
| February | 26.911 | 26.807 | 70.3 | 83.9 | 64.0 | 63.7 | .602 | .594 | .145 | 575 | 81 | 51 | 6.1 | 5.4 | 1 | 5 | 7 | 11 | 4 | 2.3 | 0.09 | 0.05 | 27 | 2 | 0 |
| March | 26.917 | 26.813 | 71.3 | 83.4 | 65.5 | 64.9 | .635 | .620 | .136 | .535 | 82 | 54 | 6.3 | 6.3 | 1 | 5 | 10 | 6 | 7 | 73.9 | 2.91 | 1.08 | 31 | 6 | 4 |
| April | 26.949 | 26.890 | 70.6 | 77.8 | 67.8 | 68.7 | .685 | .709 | .068 | 248 | 9[illegible] | 74 | 8.1 | 8.2 | 0 | 2 | 3 | 17 | 8 | 383.8 | 15.11 | 2.76 | 19 | 27 | 0 |
| May | 27.008 | 26.937 | 67.6 | 73.3 | 64.8 | 66.6 | .617 | .659 | .065 | .165 | 90 | 80 | 8.2 | 8.0 | 0 | 2 | 5 | 11 | 13 | 332.0 | 13.07 | 2.55 | 1 | 18 | 1 |
| June | 27.064 | 26.993 | 65.5 | 71.3 | 61.7 | 63.1 | .555 | .562 | .077 | 169 | 87 | 75 | 8.2 | 8.2 | 0 | 2 | 2 | 16 | 10 | 34.8 | 1.37 | 0.58 | 5 | 8 | 0 |
| July | 27.052 | 26.999 | 63.6 | 69.1 | 61.0 | 61.5 | .540 | .552 | .054 | .165 | 91 | 76 | 8.6 | 8.7 | 0 | 1 | 3 | 13 | 14 | 71.4 | 2.81 | 0.77 | 29 | 19 | 0 |
| August | 27.061 | 26.993 | 63.5 | 69.3 | 61.3 | 63.0 | .546 | .579 | .045 | 142 | 92 | 80 | 8.7 | 8.7 | 0 | 1 | 3 | 10 | 17 | 139.7 | 5.50 | 2.23 | 24 | 23 | 0 |
| September | 27.044 | 26.967 | 64.9 | 68.2 | 62.4 | 63.9 | .567 | .597 | .053 | 097 | 91 | 86 | 8.4 | 8.9 | 0 | 1 | 5 | 9 | 15 | 474.7 | 18.69 | 6.56 | 20 | 23 | 0 |
| October | 26.984 | 26.896 | 66.9 | 72.8 | 63.9 | 65 | .597 | .626 | .067 | .189 | 90 | 77 | 8.2 | 7.7 | 0 | 1 | 5 | 11 | 14 | 304.3 | 11.98 | 3.04 | 25 | 16 | 0 |
| November | 26.934 | 26.837 | 70.1 | 77.1 | 66.4 | 67.6 | .653 | .688 | .09[illegible] | .254 | 88 | 73 | 8.5 | 8.1 | 0 | 4 | 10 | 11 | 5 | 61.2 | 2.41 | 0.46 | 11 | 16 | 3 |
| December | 26.905 | 26.822 | 72.0 | 79.6 | 66.9 | 66.0 | .664 | .691 | .127 | .325 | 84 | 68 | 4.5 | 6.1 | 3 | 10 | 10 | 6 | 2 | 49.3 | 1.94 | 0.63 | 9 | [illegible] | [illegible] |
| [illegible] | 26.980 | 26.899 | 68.0 | 75.[illegible] | 64.2 | 65.[illegible] | .607 | .626 | .087 | .279 | 88 | 7 | 7.3 | 7.4 | 5 | 40 | 74 | 133 | 113 | 1979.0 | 77.91 | 6.56 | Sep. 20 | 176 | 8 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30h | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1 3 | 4 7 | > | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog. | Mist | Good vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 8 | 2 | 6 | 0 | [illegible] | 0 | [illegible] | [illegible] | 0 | 24 | [illegible] | 0 | 9.4 | 23.5 | 85.3 | 29 | 58.0 | 26 | 82.5 | 64.0 | 73.3 | 24.5 | 2.6 | 18.5 | 0 | 13 | 18 |
| February | 5 | 2 | 10 | 3 | 2 | [illegible] | 5 | 0 | 0 | 24 | 4 | 0 | 8.[illegible] | 23.3 | 88.9 | 23 | 60.5 | 8 | 85.3 | 63.9 | 74.6 | 27.5 | 12.0 | 21.5 | [illegible] | 12 | 15 |
| March | 2 | 8 | 10 | 0 | 0 | 0 | 8 | 3 | 0 | 25 | 6 | 0 | 9.4 | 8.8 | 91.0 | 19 | 60.0 | 26 | 85.3 | 64.[illegible] | 74.7 | 28.8 | 10.0 | 2.[illegible] | 0 | 7 | 24 |
| April | 1 | 0 | 5 | [illegible] | 5 | 5 | 11 | 2 | 0 | 29 | 1 | 0 | 5.6 | 9.8 | 86.0 | 6 | 60.5 | 26 | 79.6 | 64.7 | 72.1 | 20.4 | 9.2 | 14.9 | 0 | 6 | 24 |
| May | 0 | 0 | 2 | 0 | 4 | 9 | 16 | 0 | 0 | 25 | 6 | 0 | 8.5 | 7.8 | 79.2 | 2[illegible] | 58.2 | 24 | 74.6 | 63.0 | 68.9 | 17.8 | 4.0 | 11.8 | [illegible] | 12 | 18 |
| June | 0 | 0 | 0 | 0 | 5 | 6 | 19 | 0 | 0 | 21 | 9 | 0 | 13.2 | 10.1 | 77.0 | 5 | 58.1 | 14 | 73.0 | 61.1 | 67.1 | 15.7 | 7.5 | 11.9 | [illegible] | 15 | 14 |
| July | 0 | 0 | 0 | 0 | 7 | 7 | 17 | 0 | 0 | 24 | 7 | 0 | 10.1 | 12.3 | 74.5 | 7 | 56.0 | 8 | 70.9 | 58.7 | 64.8 | 18.4 | 1.9 | 12.3 | 0 | 9 | 22 |
| August | [illegible] | 0 | 6 | 0 | 10 | 7 | [illegible] | 0 | 0 | 24 | [illegible] | 0 | 11.2 | 11.0 | 75.0 | 6 | 53.5 | 31 | [illegible] | 59.0 | 65.1 | 20.1 | 6.9 | 12.0 | [illegible] | 10 | 20 |
| September | 0 | 0 | 9 | 2 | 10 | 3 | 6 | 0 | 0 | 25 | 5 | 0 | 8.7 | 11.4 | 77.0 | 10 | 55.3 | 10 | 70.[illegible] | 59.9 | 65.[illegible] | 21.7 | 4.2 | 10.8 | 0 | 13 | 17 |
| October | 3 | 0 | 13 | 0 | 4 | 8 | 2 | 1 | 0 | 27 | 4 | 0 | 7.6 | 16.3 | 79.2 | 21 | 54.6 | 18 | 74.7 | 60.[illegible] | 67.4 | 21.7 | 4.3 | 14.5 | 3 | 2 | 26 |
| November | [illegible] | [illegible] | 13 | 2 | 0 | 0 | 3 | 0 | 0 | 30 | 0 | 0 | 3.6 | 7.2 | 82.[illegible] | 23 | 54.0 | 2 | 78.5 | 62.9 | 70.7 | 21.8 | 9.3 | 15.7 | 3 | 2 | 25 |
| December | 9 | 0 | 14 | 3 | [illegible] | 0 | 3 | 1 | 0 | 31 | 0 | 0 | 3.8 | 8.3 | 84.5 | 30 | 58.0 | [illegible] | 78.3 | 64.0 | 72.7 | 23.5 | 9.5 | 17.3 | 0 | 4 | 27 |
| Year | 40 | 13 | 98 | 11 | 49 | 46 | 100 | 8 | 0 | 309 | 56 | 0 | 8.3 | 13.3 | 91.0 | Mar. 19 | 53.5 | Aug. 31 | 77.3 | 62.1 | 69.7 | 28.8 | 1.9 | 15.2 | 10 | 105 | 250 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUKOBA 2ND ORDER STATION 1946.

Lat.: 1° 20'S Long.: 31° 49'E Alt.: 3753 ft. Standard Time 3h 00m East. Reference Number 91.31/02.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 69.4 | 80.2 | 64.2 | 66.9 | .605 | .664 | .121 | .378 | 83 | 64 | 7.8 | 6.4 | 0 | 1 | 1 | 27 | 2 | 37.3 | 1.47 | 0.42 | 23 | 15 | 0 |
| February | | | 70.1 | 83.0 | 63.7 | 66.0 | .594 | .691 | .150 | .446 | 80 | 61 | 4.9 | 1.6 | 7 | 5 | 4 | 7 | 5 | 36.1 | 1.42 | 0.70 | 7 | 6 | 0 |
| March | - | - | 70.3 | 78.5 | 64.9 | 66.6 | .620 | .659 | .127 | .321 | 83 | 67 | 6.7 | 2.1 | 2 | 5 | 5 | 10 | 9 | 122.9 | 4.84 | 0.97 | 4 | 18 | 1 |
| April | - | | 66.6 | 74.8 | 64.9 | 66.7 | .620 | .661 | .083 | .210 | 88 | 76 | 8.4 | 5.5 | 0 | 1 | 3 | 16 | 10 | 383.0 | 15.08 | 2.58 | 27 | 28 | 0 |
| May | | - | 69.2 | 76.4 | 63.9 | 66.6 | .597 | .659 | .124 | .259 | 83 | 72 | 8.2 | 6.1 | 0 | 2 | 5 | 11 | 13 | 257.0 | 10.12 | 2.65 | 4 | 20 | 0 |
| June | | | 66.5 | 74.3 | 60.8 | 64.2 | .537 | .605 | .166 | .251 | 76 | 71 | 6.4 | 7.0 | 3 | 4 | 5 | 9 | 9 | 125.0 | 4.92 | 1.10 | 4 | 9 | 0 |
| July | - | - | 69.1 | 76.2 | 61.5 | 62.8 | .552 | .576 | .166 | .337 | 77 | 63 | 6.3 | 3.6 | 5 | 2 | 6 | 8 | 10 | 105.9 | 4.17 | 1.60 | 25 | 6 | 0 |
| August | | | 66.6 | 71.6 | 61.7 | 63.9 | .555 | .597 | .104 | .183 | 84 | 77 | 7.8 | 7.9 | 1 | 4 | 2 | 9 | 15 | 171.2 | 6.74 | 2.50 | 4 | 19 | 0 |
| September | - | | 67.9 | 75.4 | 63.9 | 64.9 | .599 | .620 | .086 | .266 | 87 | 70 | 7.1 | 6.0 | 0 | 4 | 8 | 9 | 9 | 166.6 | 6.56 | 1.45 | 22 | 14 | 0 |
| October | - | | 69.6 | 76.7 | 63.7 | 65.1 | .594 | .626 | .135 | .298 | 81 | 68 | 6.7 | 6.1 | 3 | 4 | 3 | 11 | 10 | 99.6 | 3.92 | 0.88 | 26 | 15 | 0 |
| November | - | | 68.1 | 75.6 | 63.9 | 66.0 | .597 | .647 | .097 | .245 | 86 | 73 | 8.7 | 6.9 | 1 | 2 | 1 | 8 | 18 | 157.2 | 6.19 | 1.10 | 12 | 18 | 0 |
| December | - | | 68.1 | 76.8 | 64.4 | 66.7 | .608 | .661 | .086 | .269 | 88 | 71 | 8.6 | 6.3 | 0 | 0 | 5 | 12 | 14 | 150.9 | 5.94 | 1.53 | 5 | 18 | 0 |
| Year | | | 68.8 | 76.6 | 63.5 | 65.7 | .590 | .639 | .120 | .289 | 83 | 69 | 7.3 | 5.5 | 22 | 34 | 48 | 137 | 124 | 1812.7 | 71.37 | 2.65 | May 4 | 186 | 1 |

@ At Station level: corrected for temperature and to Standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 | 0.2 | 3.6 | 87.0 | 29 | 56.0 | 1 | 82.4 | 59.6 | 71.0 | 28.0 | 15.0 | 22.8 | 0 | 0 | 31 |
| February | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 22 | 3 | 3 | 0 | 3.6 | 12.3 | 87.8 | 24,27 | 56.2 | 13 | 84.7 | 60.3 | 72.5 | 29.3 | 13.0 | 24.5 | 0 | 18 | 10 |
| March | 0 | 1 | 7 | 12 | 0 | 0 | 0 | 0 | 11 | 16 | 4 | 0 | 5.1 | 8.7 | 85.2 | 3 | 56.0 | 24 | 81.5 | 60.1 | 70.8 | 29.0 | 9.9 | 21.5 | 0 | 1 | 30 |
| April | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 1 | 20 | 10 | 0 | 0 | 1.6 | 4.5 | 82.0 | 14 | 59.0 | 3,14,18 | 78.8 | 60.6 | 69.8 | 23.0 | 8.0 | 18.0 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 17 | 6 | 6 | 0 | 5.6 | 11.4 | 82.0 | 11,12,13 | 59.0 | 27 | 78.9 | 61.5 | 70.2 | 21.8 | 11.5 | 17.4 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 20 | 4 | 6 | 0 | 5.1 | 10.1 | 81.5 | 2 | 55.0 | 3 | 77.6 | 58.3 | 67.9 | 26.0 | 10.0 | 19.3 | 0 | 15 | 15 |
| July | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 19 | 3 | 9 | 0 | 6.9 | 13.9 | 82.0 | 3 | 55.0 | 21 | 78.5 | 59.1 | 68.8 | 26.0 | 11.0 | 19.4 | 0 | 23 | 5 |
| August | 0 | 0 | 1 | 9 | 1 | 1 | 1 | 1 | 17 | 10 | 4 | 0 | 4.3 | 6.9 | 80.5 | 27,28 | 54.0 | 27 | 75.4 | 59.3 | 67.6 | 26.5 | 4.8 | 16.0 | 0 | 19 | 12 |
| September | 1 | 1 | 0 | 6 | 0 | 1 | 0 | 0 | 21 | 6 | 3 | 0 | 3.1 | 12.8 | 82.5 | 26 | 56.5 | 25 | 78.9 | 59.8 | 69.3 | 25.0 | 12.5 | 19.1 | 0 | 19 | 11 |
| October | 0 | 0 | 1 | 6 | 1 | 0 | 0 | 3 | 20 | 9 | 2 | 0 | 2.5 | 6.3 | 83.0 | 30 | 57.0 | 15 | 80.1 | 60.9 | 70.5 | 23.8 | 13.0 | 19.1 | 0 | 18 | 13 |
| November | 0 | 0 | 1 | 3 | 0 | 1 | 1 | 1 | 23 | 6 | 1 | 0 | 1.1 | 7.4 | 82.5 | 15,19,23 | 57.0 | 10,15 | 79.5 | 60.8 | 70.1 | 25.5 | 9.5 | 18.6 | 0 | 12 | 18 |
| December | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 3 | 22 | 8 | 1 | 0 | 1.1 | 3.4 | 84.0 | 31 | 57.0 | [illegible] | 80.5 | 59.9 | 70.2 | 25.0 | 13.0 | 20.5 | 0 | 3 | 28 |
| Year | 2 | 2 | 14 | 81 | 10 | 4 | 2 | 9 | 241 | 85 | 39 | 0 | 3.3 | 8.5 | 87.8 | Feb. 24,27 | 54.0 | Aug. 27 | 79.7 | 60.0 | 69.9 | 29.5 | 4.8 | 19.7 | 0 | 126 | 237 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT CHUNYA 1946.

Lat.: 8° 32'S Long.: 33° 25'E Alt.: 4900 ft. Standard Time 3h 00m East Reference Number 98.33/02.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 68.7 | 77.7 | 59.2 | 58.5 | .508 | .493 | .201 | .464 | 72 | 52 | 5.9 | 7.3 | 0 | 9 | 10 | 3 | 9 | 146.0 | 5.75 | 1.85 | 19 | 13 | 5 |
| February | | | 68.6 | 78.5 | 59.2 | 59.0 | .508 | .505 | .195 | .481 | 72 | 51 | 6.2 | 8.0 | 3 | 5 | 6 | 5 | 9 | 152.4 | 6.00 | 1.30 | 27 | 14 | 5 |
| March | | | 68.6 | 77.5 | 60.3 | 59.7 | .526 | .517 | .177 | .437 | 75 | 54 | 6.1 | 7.9 | 1 | 10 | 4 | 4 | 12 | 133.1 | 5.24 | 1.19 | 13 | 13 | 10 |
| April | | | 66.4 | 77.1 | 58.5 | 58.6 | .493 | .496 | .160 | .446 | 76 | 53 | 4.9 | 7.7 | 1 | 8 | 9 | 2 | 6 | 66.8 | 2.63 | 1.05 | 19 | 14 | 1 |
| May | | | 64.0 | 76.9 | 54.9 | 54.3 | .434 | .425 | .168 | .505 | 72 | 46 | 2.5 | 6.7 | 8 | 15 | 4 | 2 | 2 | 22.4 | 0.88 | 0.79 | 9 | 3 | 2 |
| June | | | 60.3 | 76.1 | 48.2 | 48.2 | .340 | .340 | .186 | .567 | 65 | 37 | 0.6 | 4.1 | 18 | 12 | 0 | 0 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | | | 58.6 | 74.8 | 47.1 | 46.6 | .325 | .319 | .171 | .552 | 65 | 37 | 1.6 | 3.5 | 18 | 6 | 5 | 2 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | | | 60.6 | 75.9 | 47.3 | 46.6 | .328 | .319 | .207 | .585 | 61 | 35 | 1.7 | 3.8 | 12 | 14 | 3 | 2 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | | | 61.8 | 78.6 | 52.0 | 50.9 | .390 | .375 | .168 | .611 | 70 | 38 | 0.6 | 3.7 | 20 | 9 | 1 | 0 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| October | | | 67.6 | 84.1 | 53.4 | 50.5 | .410 | .369 | .272 | .806 | 60 | 31 | 1.5 | 4.5 | 15 | 12 | 2 | 2 | 0 | 0.5 | 0.02 | 0.02 | 10 | 1 | 0 |
| November | | | 68.7 | 80.1 | 57.0 | 55.0 | .470 | .437 | .239 | .597 | 66 | 42 | 6.1 | 8.0 | 3 | 4 | 9 | 5 | 9 | 160.3 | 6.31 | 1.90 | 26 | 12 | 5 |
| December | | | 67.6 | 77.0 | 60.4 | 59.0 | .529 | .505 | .153 | .431 | 77 | 54 | 6.7 | 8.0 | 0 | 5 | 8 | 11 | 7 | 193.0 | 7.60 | 1.81 | 13 | 17 | 0 |
| Year | | | 65.1 | 77.9 | 54.8 | 53.9 | .438 | .425 | .191 | .540 | 69 | 44 | 3.7 | 6.1 | 99 | 109 | 61 | 38 | 54 | 874.5 | 34.43 | 1.90 | Nov. 26 | 87 | 28 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Max. | Min. | Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 0 | 25 | 0 | 0 | 0 | 5 | 0 | 0 | 28 | 3 | 0 | 4.7 | 4.9 | 85.5 | 9 | 60.0 | 8,11,22 | 80.8 | 62.2 | 71.5 | 23.5 | 9.5 | 18.5 | 0 | 7 | 24 |
| February | 0 | 0 | 26 | 0 | 0 | 0 | 1 | 0 | 1 | 27 | 0 | 0 | 3.6 | 3.4 | 86.5 | 5 | 60.0 | 16 | 81.5 | 62.6 | 72.1 | 23.5 | 9.0 | 18.9 | 0 | 8 | 20 |
| March | 0 | 0 | 21 | 0 | 0 | 0 | 9 | 0 | 1 | 29 | 1 | 0 | 4.3 | 4.9 | 86.0 | 24 | 59.0 | 26 | 80.9 | 62.2 | 71.5 | 25.5 | 11.0 | 18.7 | 0 | 5 | 26 |
| April | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 3 | 0 | 6.3 | 8.9 | 83.5 | 6 | 57.0 | 29 | 79.6 | 61.3 | 70.5 | 23.0 | 8.0 | 18.3 | 0 | 4 | 22 |
| May | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 8.9 | 8.7 | 83.0 | 25 | 51.5 | 29 | 79.6 | 58.1 | 68.9 | 28.0 | 11.0 | 21.5 | 1 | 11 | 19 |
| June | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 8.3 | 8.5 | 83.0 | 2 | 47.5 | 30 | 79.0 | 53.2 | 66.1 | 30.5 | 21.0 | 25.7 | 0 | 30 | 0 |
| July | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 11.9 | 7.6 | 82.5 | 7 | 48.0 | 1 | 78.0 | 53.7 | 65.9 | 30.5 | 17.0 | 24.3 | 0 | 31 | 0 |
| August | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25 | 0 | 16.8 | 12.5 | 82.0 | 10 | 51.0 | 27 | 78.3 | 55.5 | 66.9 | 27.0 | 18.0 | 22.8 | 0 | 24 | 7 |
| September | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 20.4 | 14.5 | 85.0 | 4 | 55.0 | 19 | 81.7 | 58.8 | 70.3 | 27.0 | 17.0 | 22.9 | 0 | 9 | 21 |
| October | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 19.9 | 11.9 | 89.0 | 11,16 | 59.0 | 3,4 | 86.2 | 62.9 | 74.5 | 28.0 | 20.0 | 23.5 | 0 | 26 | 5 |
| November | 0 | 0 | 24 | 1 | 1 | 0 | 4 | 0 | 0 | 19 | 11 | 0 | 10.3 | 8.7 | 89.0 | 16 | 60.0 | 14 | 83.9 | 64.1 | 74.0 | 24.5 | 10.5 | 19.8 | 0 | 11 | 19 |
| December | 0 | 0 | 27 | 0 | 0 | 0 | 4 | 0 | 0 | 27 | 4 | 0 | 5.8 | 7.2 | 84.0 | often | 59.0 | 19 | 80.4 | 62.6 | 71.5 | 22.0 | 5.0 | 17.8 | 0 | 2 | 29 |
| Year | 1 | 0 | 333 | 1 | 1 | 0 | 23 | 0 | 2 | 214 | 145 | 0 | 10.1 | 8.5 | 89.0 | (1) | 47.5 | June 30 | 80.8 | 59.8 | 70.3 | 30.5 | 5.0 | 21.1 | 1 | 168 | 192 |

(1) Several dates. October 11th & 16th. November 16th.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DAR ES SALAAM 1946.

Lat.: 6° 50'S Long.: 39° 18'E Alt.: 47 feet Standard Time 3h 00m East Reference Number 96.39/18

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max.Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 29.849 | 29.772 | 81.5 | 84.4 | 74.3 | 74.5 | .856 | .862 | .228 | .328 | 79 | 72 | 7.0 | 5.3 | 0 | 3 | 9 | 15 | 4 | 3.6 | 0.14 | 0.09 | 19 | 5 | 0 |
| February | 29.828 | 29.746 | 80.5 | 84.3 | 73.9 | 73.8 | .845 | .839 | .203 | .351 | 81 | 70 | 6.2 | 4.7 | 0 | 5 | 10 | 8 | 5 | 10.4 | 0.41 | 0.39 | 27 | 2 | 1 |
| March | 30.118 | 29.734 | 81.4 | 85.1 | 75.2 | 75.0 | .880 | .877 | .198 | .340 | 82 | 72 | 6.1 | 5.4 | 0 | 6 | 10 | 14 | 1 | 44.7 | 1.76 | 0.73 | 1 | 6 | 2 |
| April | 29.861 | 29.778 | 78.4 | 84.9 | 74.5 | 74.3 | .859 | .856 | .121 | .355 | 87 | 71 | 6.0 | 7.2 | 0 | 6 | 11 | 11 | 2 | 159.6 | 6.26 | 1.94 | 4 | 16 | 4 |
| May | 29.937 | 29.864 | 75.6 | 82.6 | 72.0 | 71.1 | .791 | .765 | .101 | .357 | 89 | 68 | 5.5 | 6.8 | 0 | 12 | 4 | 10 | 5 | 420.9 | 16.57 | 5.99 | 19 | 15 | 6 |
| June | 30.017 | 29.940 | 73.4 | 83.6 | 68.4 | 66.6 | .700 | .656 | .130 | .508 | 84 | 57 | 5.1 | 5.6 | 0 | 12 | 6 | 11 | 1 | 3.6 | 0.14 | 0.07 | 24 | 4 | 0 |
| July | 30.017 | 29.949 | 71.2 | 83.1 | 67.3 | 65.5 | .673 | .635 | .098 | .508 | 87 | 56 | 4.2 | 6.2 | 0 | 13 | 10 | 8 | 0 | 0.8 | 0.03 | 0.01 | often | 3 | 0 |
| August | 30.014 | 29.937 | 73.7 | 83.0 | 69.4 | 67.6 | .724 | .682 | .115 | .455 | 86 | 60 | 5.2 | 7.1 | 0 | 9 | 11 | 11 | 0 | 18.5 | 0.73 | 0.38 | 12 | 8 | 0 |
| September | 29.994 | 29.908 | 75.7 | 82.2 | 69.6 | 67.8 | .729 | .685 | .169 | .425 | 81 | 62 | 5.8 | 5.8 | 0 | 8 | 9 | 12 | 1 | 75.4 | 2.97 | 1.46 | 20 | 20 | 0 |
| October | 29.926 | 29.831 | 78.2 | 83.5 | 71.4 | 69.8 | .777 | .732 | .198 | .423 | 80 | 63 | 6.3 | 5.0 | 0 | 6 | 5 | 18 | 2 | 141.5 | 5.57 | 4.64 | 29 | 11 | 0 |
| November | 29.861 | 29.763 | 81.5 | 85.0 | 73.8 | 73.0 | .842 | .818 | .242 | .393 | 78 | 68 | 6.5 | 4.5 | 0 | 0 | 17 | 12 | 1 | 32.3 | 1.27 | 0.66 | 26 | 6 | 1 |
| December | 29.822 | 29.748 | 82.1 | 84.3 | 75.7 | 75.6 | .895 | .892 | .209 | .298 | 81 | 73 | 6.5 | 5.7 | 0 | 4 | 10 | 16 | 1 | 88.6 | 3.49 | 1.11 | 9 | 12 | 3 |
| Year | 29.937 | 29.831 | 77.8 | 83.8 | 72.1 | 71.2 | .798 | .775 | .168 | .395 | 83 | 66 | 5.9 | 5.8 | 0 | 84 | 112 | 146 | 23 | 999.3 | 39.34 | 5.99 | May 9 | 108 | 11 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max. Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 7 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 14 | 0 | 11.6 | 14.8 | 87.5 | 12 | 72.9 | 11 | 85.8 | 78.3 | 82.1 | 4.3 | 4.3 | 7.5 | 0 | 0 | 31 |
| February | 19 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 5 | 0 | 9.6 | 11.0 | 88.3 | 27 | 71.8 | 28 | 85.7 | 77.8 | 81.7 | 12.9 | 5.9 | 7.9 | 0 | 0 | 28 |
| March | 9 | 11 | 2 | 0 | 0 | 6 | 2 | 1 | 0 | 29 | 2 | 0 | 7.2 | 11.2 | 94.4 | 27 | 70.6 | 2 | 87.3 | 76.8 | 82.1 | 22.0 | 5.4 | 10.4 | 0 | 0 | 31 |
| April | 0 | 0 | 1 | 1 | 2 | 24 | 0 | 0 | 2 | 28 | 0 | 0 | 3.8 | 9.2 | 90.6 | 17 | 71.5 | 26,29 | 87.9 | 73.8 | 80.9 | 18.7 | 5.4 | 14.1 | 0 | 1 | 29 |
| May | 0 | 1 | 0 | 0 | 2 | 26 | 0 | 0 | 2 | 28 | 1 | 0 | 4.7 | 8.1 | 89.3 | 3 | 66.2 | 30 | 84.9 | 70.8 | 77.9 | 20.0 | 1.0 | 14.1 | 0 | 1 | 30 |
| June | 0 | 0 | 0 | 1 | 5 | 24 | 0 | 0 | 0 | 28 | 2 | 0 | 7.4 | 12.8 | 87.0 | 4, 6 | 62.3 | 9 | 84.7 | 68.0 | 76.3 | 23.7 | 11.8 | 16.7 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 30 | 1 | 0 | 6.3 | 12.8 | 86.6 | 26 | 61.8 | 4 | 84.3 | 66.1 | 75.2 | 24.1 | 6.1 | 18.1 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 1 | 8 | 21 | 0 | 0 | 1 | 30 | 0 | 0 | 3.4 | 13.9 | 88.4 | 9 | 64.2 | 30 | 84.6 | 67.5 | 76.1 | 22.2 | 13.0 | 17.1 | 0 | 0 | 31 |
| September | 0 | 0 | 2 | 7 | 3 | 16 | 0 | 0 | 2 | 28 | 0 | 0 | 4.3 | 13.0 | 87.6 | 1,17 | 64.0 | 7 | 84.3 | 67.7 | 76.0 | 22.0 | 9.3 | 16.5 | 0 | 0 | 30 |
| October | 0 | 0 | 8 | 8 | 2 | 5 | 0 | 0 | 8 | 22 | 1 | 0 | 2.7 | 11.9 | 90.0 | 26 | 64.4 | 15 | 85.2 | 69.0 | 77.1 | 23.0 | 9.1 | 16.2 | 0 | 0 | 31 |
| November | 0 | 10 | 5 | 4 | 0 | 3 | 0 | 2 | 6 | 23 | 1 | 0 | 4.0 | 11.4 | 90.0 | 29 | 66.9 | 8 | 86.5 | 73.3 | 79.9 | 20.8 | 6.8 | 13.2 | 0 | 0 | 30 |
| December | 3 | 18 | 0 | 1 | 0 | 4 | 0 | 0 | 5 | 21 | 5 | 0 | 7.6 | 11.0 | 89.7 | 16 | 71.4 | 11 | 86.4 | 77.1 | 81.7 | 16.0 | 5.0 | 9.3 | 0 | 0 | 31 |
| Year | 38 | 71 | 19 | 23 | 23 | 159 | 2 | 3 | 27 | 306 | 32 | 0 | 6.1 | 11.8 | 94.4 | March 27 | 61.8 | July 4 | 85.6 | 72.2 | 78.9 | 24.1 | 1.0 | 13.4 | 0 | 2 | 363 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DODOMA METEOROLOGICAL STATION 1946.

Lat.: 6° 10'S Long.: 35° 46'E Alt.: 3675 feet Standard Time 3h 00m East Reference Number 96.35/01.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max.Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.285 | 26.190 | 69.4 | 83.6 | 63.1 | 60.3 | .582 | .526 | .144 | .638 | 80 | 45 | 5.6 | 5.6 | 0 | 11 | 4 | 13 | 3 | 54.1 | 2.13 | 0.70 | 19 | 8 | 10 |
| February | 26.264 | 26.158 | 70.4 | 87.4 | 62.4 | 57.6 | .570 | .478 | .177 | .833 | 76 | 36 | 5.9 | 4.1 | 0 | 10 | 2 | 14 | 2 | 50.6 | 1.99 | 1.41 | 22 | 6 | 7 |
| March | 26.279 | 26.181 | 69.4 | 83.8 | 63.9 | 61.2 | .599 | .543 | .127 | .635 | 83 | 49 | 5.8 | 5.3 | 1 | 11 | 2 | 7 | 10 | 84.8 | 3.34 | 1.35 | 9 | 10 | 14 |
| April | 26.308 | 26.220 | 69.1 | 83.2 | 63.3 | 62.8 | .588 | .576 | .130 | .567 | 82 | 50 | 7.5 | 6.8 | 0 | 2 | 4 | 21 | 3 | 57.1 | 2.25 | 2.20 | 17 | 5 | 4 |
| May | 26.353 | 26.276 | 67.5 | 81.4 | 59.9 | 57.2 | .520 | .473 | .159 | .605 | 77 | 44 | 5.6 | 6.1 | 1 | 8 | 7 | 15 | 0 | 2.5 | 0.10 | 0.08 | 5 | 2 | 0 |
| June | 26.409 | 26.326 | 64.3 | 79.3 | 53.4 | 50.7 | .410 | .372 | .195 | .638 | 68 | 37 | 4.1 | 3.4 | 5 | 16 | 3 | 6 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | 26.388 | 26.314 | 61.9 | 78.0 | 53.2 | 49.8 | .408 | .360 | .150 | .609 | 73 | 37 | 4.1 | 3.8 | 2 | 13 | 5 | 11 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | 26.388 | 26.305 | 63.1 | 79.2 | 54.3 | 49.5 | .425 | .354 | .157 | .650 | 73 | 35 | 3.8 | 4.0 | 0 | 16 | 6 | 9 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 26.370 | 26.264 | 65.2 | 81.2 | 55.4 | 51.3 | .443 | .381 | .183 | .691 | 71 | 36 | 4.3 | 4.5 | 0 | 14 | 7 | 8 | 1 | 1.0 | 0.04 | 0.04 | 24 | 1 | 0 |
| October | 26.314 | 26.202 | 68.4 | 86.0 | 57.4 | 52.0 | .475 | .390 | .225 | .862 | 68 | 31 | 4.9 | 4.7 | 0 | 13 | 3 | 15 | 0 | 1.5 | 0.06 | 0.06 | 30 | 1 | 1 |
| November | 26.279 | 26.155 | 71.7 | 87.6 | 61.5 | 56.3 | .549 | .458 | .237 | .862 | 70 | 35 | 6.0 | 5.9 | 0 | 5 | 9 | 16 | 0 | 19.0 | 0.75 | 0.75 | 29 | 1 | 3 |
| December | 26.264 | 26.158 | 71.2 | 86.1 | 63.3 | 59.0 | .588 | .502 | .183 | .759 | 76 | 40 | 6.0 | 5.9 | 0 | 10 | 4 | 16 | 1 | 37.1 | 1.46 | 0.43 | 13 | 9 | 11 |
| Year | 26.325 | 26.229 | 67.6 | 83.1 | 59.3 | 55.6 | .513 | .451 | .172 | .696 | 75 | 40 | 5.2 | 5.0 | 9 | 129 | 56 | 151 | 20 | 307.7 | 12.12 | 2.20 | Apr. 17 | 43 | 50 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air Max | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 0 | 27 | 2 | 0 | 0 | 0 | 1 | 0 | 13 | 18 | 0 | 11.9 | 7.6 | 92.6 | 14 | 61.6 | 26 | 87.0 | 64.7 | 75.9 | 28.0 | 12.7 | 22.4 | 0 | 1 | 30 |
| February | 0 | 1 | 24 | 0 | 0 | 0 | 2 | 1 | 0 | 17 | 11 | 0 | 10.3 | 5.6 | 96.8 | 21 | 61.8 | 8 | 91.5 | 65.5 | 78.5 | 31.6 | 16.0 | 26.0 | 0 | 1 | 27 |
| March | 0 | 3 | 22 | 2 | 0 | 1 | 1 | 2 | 0 | 26 | 5 | 0 | 8.1 | 5.4 | 91.9 | 14 | 63.4 | 25 | 86.7 | 65.2 | 75.9 | 27.0 | 9.8 | 21.5 | 0 | 0 | 31 |
| April | 0 | 1 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 11.6 | 9.6 | 89.7 | 16, 7 | 59.6 | 29 | 85.7 | 64.7 | 75.2 | 27.4 | 13.0 | 21.1 | 0 | 0 | 30 |
| May | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 11.2 | 10.7 | 87.9 | 10 | 56.0 | 31 | 83.4 | 61.9 | 72.7 | 27.6 | 13.3 | 21.5 | 0 | 0 | 31 |
| June | 0 | 0 | 24 | 5 | 0 | 0 | 0 | 0 | 1 | 23 | 6 | 0 | 9.6 | 8.7 | 85.0 | 3, 4 | 48.7 | 30 | 81.5 | 56.2 | 68.9 | 31.3 | 20.3 | 25.3 | 0 | 0 | 30 |
| July | 0 | 0 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 12.5 | 11.4 | 83.4 | 2 | 50.1 | 3 | 80.1 | 56.6 | 68.3 | 31.9 | 12.9 | 23.5 | 0 | 0 | 31 |
| August | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 14.1 | 12.5 | 84.4 | 10 | 54.0 | 14 | 81.4 | 58.1 | 69.7 | 26.3 | 18.0 | 23.3 | 0 | 0 | 31 |
| September | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 16.3 | 13.0 | 86.8 | 2 | 58.4 | 1 | 83.3 | 60.0 | 71.7 | 27.8 | 17.3 | 23.3 | 0 | 1 | 29 |
| October | 0 | 1 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 13.6 | 10.5 | 93.4 | 16 | 58.6 | 2 | 88.2 | 62.3 | 75.2 | 31.5 | 21.1 | 25.9 | 0 | 0 | 31 |
| November | 1 | 3 | 25 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 18 | 0 | 12.3 | 8.3 | 95.0 | 18 | 62.6 | 1 | 90.6 | 65.7 | 78.1 | 29.0 | 17.2 | 24.9 | 0 | 0 | 30 |
| December | 1 | 2 | 22 | 5 | 0 | 0 | 1 | 0 | 0 | 27 | 4 | 0 | 8.5 | 5.1 | 94.0 | 12 | 64.6 | 2 | 89.3 | 66.9 | 78.1 | 26.1 | 14.0 | 22.4 | 0 | 0 | 31 |
| Year | 3 | 11 | 325 | 16 | 0 | 1 | 4 | 4 | 1 | 189 | 175 | 0 | 11.7 | 9.0 | 96.8 | Feb. 21 | 48.7 | June 30 | 85.7 | 62.3 | 74.0 | 31.9 | 9.8 | 23.4 | 0 | 3 | 362 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT IRINGA 2ND ORDER STATION, 1946.

Lat.: 7° 47'S  Long.: 35° 42'E  Alt.: 5380 feet  Standard Time 3h 00m East  Reference Number 97.35/00.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 3 | 4-6 | 7-9 | 10 | Rainfall Total mm | Rainfall Total ins. | Rainfall Max. Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.776 | 24.7 | 63.7 | 75.0 | 59.0 | 58.3 | .505 | .493 | .089 | .384 | 85 | 56 | 5.1 | 7.2 | | 11 | 6 | 8 | 5 | 62.5 | 2.46 | 0.6 | 4 | 11 | 0 |
| February | 24.764 | 24.699 | 63.7 | 78.8 | 59.4 | 56.3 | .511 | .467 | .083 | .525 | 86 | 47 | 5.4 | 6.6 | 1 | 10 | 3 | 10 | 4 | 45.5 | 1.79 | 0.61 | 2 | 12 | 0 |
| March | 24.764 | 24.714 | 63.6 | 75.0 | 59.7 | 60.3 | .507 | .526 | .077 | .35 | 87 | 60 | 5.3 | 7.4 | 2 | 12 | 0 | 12 | 5 | 21.4 | 4.78 | 0.73 | 8 | 4 | 0 |
| April | 24.799 | 24.749 | 63.9 | 7.9 | 57.9 | 60.4 | .484 | .529 | .5 | .257 | 8. | 67 | 5.4 | 8.0 | 0 | 13 | 4 | 8 | 5 | 98.5 | 3.88 | 0.89 | 6 | 23 | 0 |
| May | 24.846 | 24.787 | 6.6 | 72.3 | 54.3 | 56.7 | .425 | .464 | .24 | .336 | 77 | 58 | 3.5 | 5.7 | 0 | 22 | 1 | 6 | 2 | 26.2 | 1.03 | 0.64 | 3 | 6 | 0 |
| June | 24.885 | 24.838 | 57.3 | 7.1 | 48.6 | 49.8 | .343 | 360 | .32 | .47 | 72 | 46 | 1.3 | 3.6 | 4 | 24 | 1 | 1 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| July | 24.864 | 24.817 | 52.6 | 69.9 | 47. | 47.5 | 325 | 33. | .2 | .407 | 74 | 45 | .6 | 4.0 | 8 | 19 | 2 | 2 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | 24.873 | 24.820 | 57.3 | 70.9 | 47.8 | 47.3 | .334 | .331 | .4 | .43 | 70 | 43 | 2.0 | 5.5 | 7 | 18 | 3 | 3 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| September | 24.849 | 24.790 | 6.4 | 72.7 | 50.7 | 49.8 | .372 | 360 | .74 | .449 | 68 | 45 | 2.2 | 5.4 | 3 | 22 | 2 | 3 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| October | 24.849 | 24.690 | 66.2 | 78.3 | 50.7 | 49.8 | .372 | .360 | .278 | .6 | 57 | 37 | .4 | 4.8 | 8 | 22 | 0 | 1 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| November | 24.811 | 24.678 | 67.6 | 78.0 | 55.0 | 55.8 | .437 | 449 | .245 | .520 | 64 | 46 | 3.0 | 7.0 | 2 | 19 | 3 | 4 | 0 | 20.1 | 0.79 | 0.3 | 30 | 7 | 0 |
| December | 24.755 | 24.666 | 63.7 | 76.1 | 59.0 | 60.8 | .502 | .537 | .092 | 370 | 85 | 59 | 3.8 | 7.5 | 0 | 19 | 7 | 3 | 2 | 163.6 | 6.44 | 0.93 | 16 | 20 | 0 |
| Year | 24.820 | 24.747 | 62. | 74.2 | 54.1 | 54.5 | .427 | 433 | .39 | 422 | 75 | 51 | 3.3 | 6.1 | 36 | 211 | 34 | 61 | 23 | 537.8 | 2'.17 | 0.93 | Dec 16 | 93 | 0 |

@ At station levels corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max | Mean Min. | Mean Max & Min | Range Max | Range Min | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 0 | 11 | 1 | 7 | 0 | 2 | 10 | 21 | 0 | 0 | 1.3 | 2.0 | 83.6 | 27 | 52.3 | 27 | 77.7 | 57.7 | 67.7 | 3.3 | 7.1 | 19.9 | 0 | 0 | 31 |
| February | 0 | 0 | 0 | 11 | 0 | 4 | 0 | 1 | 12 | 6 | 0 | 0 | .. | 2.5 | 87.6 | 21 | 55.0 | 8 | 81.9 | 59.0 | 70.5 | 29.2 | 15.2 | 23.0 | 0 | 3 | 25 |
| March | 0 | 1 | 0 | 14 | 0 | 4 | 0 | 2 | 10 | 2 | 0 | 0 | 1.6 | 2.5 | 83.8 | 14 | 54.3 | 5 | 77.8 | 58.7 | 68.3 | 26.8 | 6.0 | 19.1 | 0 | 3 | 28 |
| April | 0 | 3 | 0 | 10 | 0 | 11 | 0 | 2 | 4 | 26 | 0 | 0 | 2.9 | 2.5 | 79.4 | 5 | 55.2 | 26 | 75.5 | 59.1 | 67.3 | 23.1 | 9.7 | 16.4 | 0 | 0 | 30 |
| May | 0 | 1 | 0 | 17 | 0 | 13 | 0 | 0 | 0 | 30 | 1 | 0 | 4.5 | 2.9 | 78.3 | 3 | 52.9 | 29 | 73.7 | 57.5 | 65.6 | 22.0 | 9.1 | 16.3 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 20 | 0 | 9 | 0 | 1 | 0 | 25 | 5 | 0 | 8.3 | 4.3 | 79.1 | 6 | 47.9 | 30 | 72.9 | 53.4 | 63.1 | 27.8 | 11.7 | 19.4 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 22 | 0 | 8 | 0 | 0 | 1 | 26 | 4 | 0 | 6.7 | 5.4 | 77.1 | 2 | 48.0 | 14 | 71.7 | 52.4 | 62.1 | 28.0 | 13.3 | 19.3 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 25 | 0 | 4 | 0 | 0 | 2 | 24 | 5 | 0 | 7.4 | 4.9 | 78.8 | 10 | 45.2 | 10 | 73.0 | 53 | 63.1 | 33.6 | 11.9 | 19.9 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 23 | 0 | 6 | 0 | 0 | 1 | 29 | 0 | 0 | 3.8 | 6.3 | 80.7 | 28 | 5.4 | | 75.3 | 55.0 | 65.2 | 27.4 | 11.2 | 20.3 | 0 | 0 | 30 |
| October | 0 | 2 | 0 | 18 | 0 | 10 | 0 | 1 | 0 | 31 | 0 | 0 | 3.8 | 3.8 | 85.4 | 18 | 51.3 | | 80.7 | 57.5 | 69.1 | 30.9 | 16.1 | 23.3 | 0 | 0 | 31 |
| November | 0 | 6 | 0 | 9 | 0 | 10 | 0 | 5 | 0 | 30 | 0 | 0 | 2.5 | 2.7 | 87.2 | 15 | 56.3 | 12 | 81.5 | 59.9 | 70.7 | 30.7 | 14.0 | 21.9 | 0 | 0 | 30 |
| December | 0 | 2 | 0 | 6 | 0 | 17 | 0 | 6 | 0 | 3 | 0 | 0 | 2.7 | 2.7 | 84.2 | 14 | 56.. | 12 | 78.2 | 59.5 | 68.9 | 24.5 | 1.0 | 18.7 | 0 | 0 | 31 |
| Year | 0 | 15 | 0 | 186 | 1 | 103 | 0 | 20 | 40 | 310 | 15 | 0 | 3.9 | 3.5 | 87.6 | Feb. 21 | 40.2 | Aug 10 | 76.7 | 56.9 | 66.8 | 33.6 | 6.0 | 19.8 | 0 | 6 | 359 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KIGOMA METEOROLOGICAL STATION, 1946.

Lat.: 4° 53'S Long.: 29° 38'E Alt.: 2903 feet Standard Time 3h 00m East Reference Number 94.29/04

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 4.30 | 8.30 | 14.30 | 8.30 | 4.30 | 8.30 | 4.30 | 8.30 | 14.30 | 0 | 1 3 | 4 6 | 7 9 | 10 | mm. | ins. | ins. | Date | | |
| | ins | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.973 | 26.920 | 71.7 | 79.0 | 66.0 | 69.. | .647 | .715 | .139 | .283 | 82 | 72 | 8 5 | 7.4 | 0 | 1 | 4 | 8 | 18 | 61.2 | 2.41 | 0.92 | 7 | 12 | 23 |
| February | 26.958 | 26.908 | 71.5 | 79 2 | 66.6 | 69.6 | .659 | .729 | .121 | .284 | 84 | 73 | 7.3 | 7.0 | 0 | 4 | 3 | 18 | 3 | 96.8 | 3.81 | 1.23 | 8 | 13 | 23 |
| March | 26.967 | 26.917 | 71.9 | 77.7 | 66.9 | 68.7 | .664 | .709 | .127 | .248 | 84 | 74 | 7.9 | 8.0 | 0 | 3 | 4 | 14 | 10 | 194.3 | 7.65 | 1.56 | | 17 | 26 |
| April | 26.996 | 26.949 | 69.8 | 75.5 | 66.6 | 68.2 | .656 | .697 | .079 | .195 | 89 | 78 | 9.3 | 9.1 | 0 | | 0 | 9 | 20 | 372.7 | 12.31 | 3.70 | 18 | 25 | 20 |
| May | 27.023 | 26.979 | 71.4 | 78.3 | 66 0 | 67 1 | .647 | .670 | .130 | .305 | 83 | 69 | 8. | 7.2 | 0 | 3 | 3 | 15 | 10 | 58.4 | 2.30 | 0.72 | 8 | 10 | 15 |
| June | 27.070 | 27.032 | 67.7 | 79.8 | 6 .7 | 6 .0 | .555 | .540 | .027 | .488 | 8. | 53 | 4.0 | 2.9 | 0 | 18 | 2 | 10 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 5 |
| July | 27.044 | 26.996 | 66.2 | 79.7 | 58.3 | 59.2 | .490 | .508 | .060 | .514 | 75 | 50 | 5.9 | 2.9 | | 11 | 3 | 7 | 9 | 0.0 | 0.00 | 0.00 | | 0 | 4 |
| August | 27.041 | 26.982 | 69.2 | 81.1 | 56.8 | 60.6 | .467 | .535 | .254 | .537 | 65 | 50 | 5.3 | 4.6 | 0 | 13 | 6 | 3 | 9 | 0.0 | 0.00 | 0.00 | | 0 | 4 |
| September | 27.005 | 26.922 | 73.4 | 82.9 | 57.9 | 63.3 | .484 | .588 | .346 | .549 | 58 | 52 | 6.4 | 4.5 | 0 | 7 | 8 | 9 | 6 | 6.6 | .0.26 | 0.25 | 24 | 2 | 6 |
| October | 26.976 | 26.899 | 73.7 | 80.8 | 63.9 | 68.0 | .599 | .691 | .240 | .369 | 71 | 65 | 7.1 | 6.4 | 0 | 5 | 6 | 11 | 9 | 40.4 | 1.59 | 0.50 | 17 | 13 | |
| November | 26.973 | 26.911 | 70.3 | 76.4 | 65 5 | 67.1 | .632 | .670 | .115 | 248 | 85 | 73 | 8.9 | 7.7 | 0 | 1 | 1 | 12 | 16 | 118.9 | 4.68 | 0.76. | 24 | 20 | 26 |
| December | 26.967 | 26.917 | 70.2 | 75.3 | 65.5 | 67.1 | .635 | .667 | .109 | .219 | 85 | 75 | 8.0 | 7.3 | 0 | 4 | 3 | 11 | 13 | 205.7 | 8.10 | 1.86 | 7 | 19 | 27 |
| Year | 26.999 | 26.944 | 70.6 | 78.8 | 63.5 | 66.6 | .595 | .643 | .162 | .353 | 79 | 65 | 7.2 | 6.3 | | 71 | 43 | 127 | 123 | 1095.0 | 43.11 | 3.70 | Apr. 18 | 131 | 180 |

@ At station level: corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 3 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 6.9 | 7.8 | 88.7 | 1 | 61.0 | 31 | 82.3 | 66.7 | 74.5 | 22.7 | 7.1 | 15.7 | 0 | 0 | 31 |
| February | 1 | 3 | 10 | 14 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 5.6 | 0.3 | 85.6 | 24 | 62.7 | 9 | 82.7 | 67.0 | 74.9 | 21.3 | 6.9 | 15.7 | 0 | 0 | 28 |
| March | 0 | 2 | 13 | 15 | 0 | 0 | 0 | 1 | 0 | 28 | 3 | 0 | 7.8 | 8.9 | 88. | 3 | 63.7 | 27 | 81.9 | 67.5 | 74.7 | 20.3 | 11.1 | 14.5 | 0 | 0 | 31 |
| April | 0 | 6 | 10 | 11 | 1 | 1 | 0 | 1 | 0 | 26 | 4 | 0 | 9.2 | 8.9 | 86.4 | 9 | 64.2 | 8 | 79.2 | 66.5 | 72.9 | 20.4 | 4.5 | 12.7 | 0 | 1 | 29 |
| May | 0 | 1 | 4 | 15 | 1 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 8.5 | 9.4 | 87.3 | 7 | 64.5 | 30,31 | 82.2 | 66.9 | 74.5 | 20.5 | 4.9 | 15.2 | 0 | 1 | 30 |
| June | 0 | 0 | 10 | 19 | 0 | 1 | 0 | 0 | 0 | 21 | 9 | 0 | 10.3 | 12.5 | 84.0 | 20 | 59.5 | 30 | 81.9 | 63.3 | 72.6 | 22.4 | 13.8 | 18.5 | 0 | 0 | 30 |
| July | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 11.6 | 13.4 | 85.1 | 18 | 59.2 | 10 | 82.5 | 62.7 | 72.6 | 24.5 | 14.8 | 19.8 | 0 | 0 | 31 |
| August | 0 | 1 | 12 | 18 | 0 | 0 | 0 | 0 | 0 | 23 | 8 | 0 | 9.8 | 17.2 | 88.3 | 24 | 60.4 | 14 | 84.0 | 65.0 | 74.5 | 23.9 | 12.2 | 19.0 | 0 | 1 | 30 |
| September | 0 | 1 | 14 | 14 | 1 | 0 | 0 | 0 | 0 | 14 | 16 | 0 | 12.8 | 17.0 | 91.9 | 21 | 64.8 | 6 | 86.8 | 68.1 | 77.5 | 24.5 | 11.2 | 18.7 | 0 | 0 | 30 |
| October | 1 | 4 | 15 | 10 | 0 | 0 | 1 | 0 | 0 | 27 | 4 | 0 | 8.3 | 12.3 | 86.9 | 3, 4 | 64.4 | 18 | 83.9 | 68.7 | 76.3 | 20.4 | 4.3 | 15.3 | 0 | 0 | 31 |
| November | 0 | 3 | 14 | 12 | 0 | 0 | 0 | 1 | 0 | 22 | 8 | 0 | 10.1 | 11.2 | 84.2 | 10 | 63.0 | 14 | 79.3 | 66.8 | 73.1 | 18.2 | 1.7 | 12.5 | 0 | 1 | 29 |
| December | 2 | 3 | 6 | 17 | 1 | 0 | 1 | 1 | 0 | 28 | 3 | 0 | 7.4 | 9.6 | 83.1 | 31 | 63.5 | 8 | 79.2 | 66.7 | 72.9 | 17.7 | 5.9 | 12.6 | 0 | 1 | 30 |
| Year | 5 | 27 | 144 | 176 | 5 | 2 | 2 | 4 | 0 | 289 | 76 | 0 | 9.0 | 11.5 | 91.9 | Sept. 21 | 59.2 | July 10 | 82.2 | 66.3 | 74.3 | 24.5 | 1.7 | 15.9 | 0 | 5 | 360 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KONDOA 2ND ORDER STATION 1946.

Lat.: 4° 55'S Long.: 35° 47'E Alt.: 4547 feet Standard Time 3h 00m East Reference Number 94.35/01.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max.Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 25.493 | 25.393 | 68.7 | 83.5 | 61.3 | 59.0 | .546 | .505 | .166 | .650 | 77 | 44 | 3.5 | 4.8 | 0 | 23 | 2 | 3 | 3 | 31.0 | 1.22 | 0.57 | 16 | 3 | 2 |
| February | 25.475 | 25.369 | 69.4 | 88.2 | 59.7 | 54.0 | .517 | .419 | .209 | .925 | 71 | 31 | 3.3 | 3.7 | 0 | 19 | 5 | 3 | 1 | 28.2 | 1.11 | 0.96 | 26 | 3 | 0 |
| March | 25.481 | 25.390 | 68.0 | 83.6 | 61.3 | 58.6 | .546 | .496 | .145 | .668 | 79 | 43 | 4.5 | 4.6 | 0 | 15 | 7 | 5 | 4 | 111.5 | 4.39 | 2.03 | 16 | 9 | 7 |
| April | 25.514 | 25.428 | 67.9 | 79.9 | 61.7 | 60.6 | .555 | .535 | .130 | .493 | 81 | 52 | 6.8 | 5.7 | 0 | 4 | 7 | 17 | 2 | 84.8 | 3.34 | 1.76 | 18 | 6 | 0 |
| May | 25.573 | 25.499 | 65.8 | 76.1 | 58.5 | 58.3 | .493 | .490 | .148 | .417 | 77 | 54 | 6.8 | 6.4 | 0 | 6 | 6 | 11 | 8 | 15.7 | 0.62 | 0.27 | 20 | 4 | 1 |
| June | 25.611 | 25.529 | 62.2 | 77.4 | 53.4 | 51.3 | .410 | .381 | .154 | .567 | 72 | 40 | 2.3 | 4.1 | 1 | 24 | 4 | 1 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | 25.597 | 25.514 | 61.5 | 76.2 | 52.3 | 51.8 | .396 | .387 | .156 | .526 | 72 | 42 | 4.0 | 5.8 | 1 | 14 | 10 | 6 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | 25.597 | 25.505 | 61.9 | 76.4 | 53.8 | 53.8 | .416 | .416 | .142 | .502 | 75 | 45 | 4.9 | 5.8 | 0 | 13 | 7 | 10 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 25.579 | 25.475 | 63.0 | 79.0 | 56.1 | 57.4 | .455 | .475 | .124 | .523 | 79 | 48 | 5.9 | 5.3 | 0 | 10 | 4 | 15 | 1 | 5.6 | 0.22 | 0.11 | 23 | 3 | 0 |
| October | 25.546 | 25.428 | 67.4 | 84.3 | 58.5 | 58.6 | .493 | .496 | .186 | .694 | 73 | 42 | 5.1 | 4.9 | 0 | 12 | 8 | 2 | 7 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| November | 25.487 | 25.372 | 69.2 | 86.3 | 63.1 | 65.7 | .585 | .638 | .136 | .629 | 81 | 50 | 4.5 | 5.6 | 0 | 13 | 10 | 7 | 0 | 27.9 | 1.10 | 0.74 | 29 | 2 | 0 |
| December | 25.475 | 25.381 | 70.3 | 85.0 | 62.4 | 61.5 | .570 | .552 | .177 | .659 | 76 | 46 | 3.9 | 5.6 | 0 | 15 | 10 | 5 | 1 | 112.0 | 4.41 | 3.00 | 1 | 7 | 4 |
| Year | 25.536 | 25.440 | 66.3 | 81.3 | 58.5 | 57.5 | .499 | .483 | .156 | .604 | 76 | 45 | 4.6 | 5.2 | 2 | 168 | 80 | 85 | 28 | 416.7 | 16.41 | 3.00 | Dec. 1 | 37 | 14 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Min. | Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 4 | 17 | 2 | 1 | 4 | 0 | 2 | 1 | 0 | 23 | 8 | 0 | 11.4 | 13.9 | 90.0 | 16 | 58.8 | 27 | 85.7 | 62.9 | 74.3 | 28.2 | 11.4 | 22.9 | 0 | 0 | 31 |
| February | 1 | 17 | 6 | 0 | 1 | 1 | 2 | 0 | 0 | 17 | 11 | 0 | 12.1 | 15.9 | 93.4 | 21 | 58.6 | 13 | 89.9 | 62.9 | 76.4 | 32.4 | 18.0 | 26.9 | 0 | 1 | 27 |
| March | 2 | 15 | 6 | 1 | 2 | 2 | 1 | 2 | 0 | 15 | 16 | 0 | 12.8 | 14.8 | 89.8 | 8 | 58.8 | 23 | 85.1 | 62.6 | 73.9 | 28.6 | 13.4 | 22.5 | 0 | 1 | 30 |
| April | 0 | 9 | 19 | 0 | 2 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | 14.3 | 15.0 | 86.2 | 6 | 60.8 | 29 | 81.8 | 64.0 | 72.9 | 21.8 | 13.5 | 17.8 | 0 | 0 | 30 |
| May | 2 | 13 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 14.8 | 14.1 | 82.2 | 1 | 53.1 | 31 | 77.7 | 60.5 | 69.1 | 26.6 | 10.1 | 17.2 | 0 | 0 | 31 |
| June | 5 | 12 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | 13.6 | 14.3 | 82.8 | 3 | 51.8 | 16 | 78.5 | 55.2 | 66.9 | 27.9 | 18.2 | 23.3 | 0 | 0 | 30 |
| July | 2 | 11 | 14 | 1 | 1 | 1 | 0 | 1 | 0 | 12 | 19 | 0 | 12.5 | 14.1 | 81.9 | 3 | 50.2 | 1 | 77.5 | 54.7 | 66.1 | 30.9 | 14.8 | 22.8 | 0 | 0 | 31 |
| August | 2 | 13 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 15.4 | 14.8 | 82.4 | 10 | 52.5 | 10,31 | 77.6 | 56.7 | 67.1 | 29.9 | 11.9 | 20.9 | 0 | 0 | 31 |
| September | 0 | 15 | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 15.0 | 15.0 | 85.1 | 2 | 56.1 | 3 | 80.5 | 58.7 | 69.6 | 27.9 | 14.7 | 21.8 | 0 | 0 | 30 |
| October | 1 | 17 | 10 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 21 | 0 | 15.2 | 14.5 | 90.0 | 16 | 56.7 | 15 | 85.5 | 60.5 | 73.0 | 31.9 | 16.4 | 25.0 | 0 | 0 | 29 |
| November | 3 | 13 | 11 | 0 | 0 | 2 | 1 | 0 | 0 | 10 | 20 | 0 | 14.3 | 14.8 | 93.4 | 23 | 59.4 | 2 | 87.9 | 63.7 | 75.8 | 29.4 | 16.2 | 24.2 | 0 | 0 | 30 |
| December | 2 | 20 | 6 | 0 | 0 | 1 | 1 | 1 | 0 | 25 | 6 | 0 | 10.5 | 13.9 | 89.2 | 30,31 | 61.2 | 21,23 | 86.5 | 64.1 | 75.3 | 27.0 | 16.0 | 22.4 | 0 | 0 | 31 |
| Year | 24 | 172 | 126 | 10 | 11 | 7 | 7 | 6 | 0 | 145 | 218 | 0 | 13.5 | 14.6 | 93.4 | Feb.2 Nov.23 | 50.2 | July 1 | 82.9 | 60.5 | 71.7 | 32.4 | 10.1 | 22.3 | 0 | 2 | 361 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS - AT LINDI METEOROLOGICAL STATION 1946.

Lat.: 10° 00'S Long.: 39° 42'E Alt.: 127 feet Standard Time 3h 00m East Reference Number 100.39/06.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 29.775 | 29.627 | 80.1 | 86.0 | 74.1 | 75.2 | .850 | .883 | .184 | .369 | 82 | 71 | 6.1 | 6.1 | 0 | 7 | 8 | 13 | 3 | 50.5 | 1.99 | 0.52 | 20 | 10 | 10 |
| February | 29.740 | 29.645 | 81.1 | 88.7 | 75.0 | 77.7 | .874 | .957 | .198 | .404 | 82 | 70 | 5.5 | 4.8 | 0 | 6 | 13 | 9 | 0 | 18.5 | 0.73 | 0.37 | 25 | 3 | 5 |
| March | 29.746 | 29.651 | 80.0 | 87.7 | 74.3 | 74.8 | .856 | .871 | .178 | .449 | 83 | 66 | 5.5 | 5.6 | 0 | 11 | 5 | 14 | 1 | 56.4 | 2.22 | 0.99 | 9 | 9 | 10 |
| April | 29.805 | 29.725 | 77.7 | 84.9 | 73.6 | 75.4 | .833 | .886 | .124 | .325 | 86 | 73 | 5.4 | 6.9 | 0 | 9 | 8 | 12 | 1 | 205.2 | 8.08 | 2.50 | 8 | 16 | 11 |
| May | 29.884 | 29.799 | 75.0 | 85.0 | 69.8 | 71.1 | .735 | .768 | .142 | .443 | 84 | 63 | 2.0 | 5.3 | 1 | 22 | 4 | 4 | 0 | 36.1 | 1.42 | 0.98 | 5 | 7 | 0 |
| June | 29.964 | 29.867 | 72.2 | 86.5 | 66.4 | 68.4 | .653 | .700 | .141 | .576 | 82 | 55 | 3.9 | 5.4 | 0 | 17 | 6 | 7 | 0 | 6.9 | 0.27 | 0.27 | 18 | 1 | 0 |
| July | 29.964 | 29.875 | 71.3 | 84.0 | 65.7 | 68.7 | .638 | .706 | .133 | .469 | 83 | 60 | 2.7 | 4.7 | 3 | 21 | 2 | 5 | 0 | 1.5 | 0.06 | 0.06 | 23 | 1 | 0 |
| August | 29.958 | 29.864 | 72.9 | 85.0 | 66.7 | 69.8 | .661 | .732 | .154 | .479 | 81 | 60 | 3.8 | 5.5 | 1 | 17 | 7 | 5 | 1 | 0 0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 29.935 | 29.855 | 74.2 | 82.8 | 69.8 | 71.6 | .732 | .783 | .118 | .348 | 86 | 69 | 5.5 | 5.9 | 0 | 9 | 8 | 11 | 2 | 35.3 | 1.39 | 0.30 | 21 | 11 | 0 |
| October | 29.864 | 29.775 | 77.9 | 84.5 | 72.3 | 73.9 | .800 | .845 | .163 | .351 | 83 | 71 | 5.7 | 3.1 | 0 | 5 | 11 | 15 | 0 | 17.0 | 0.67 | 0.50 | 29 | 4 | 0 |
| November | 29.793 | 29.695 | 81.2 | 86.2 | 72.9 | 73.0 | .815 | .818 | .257 | .443 | 76 | 65 | 5.6 | 2.6 | 0 | 6 | 14 | 10 | 0 | 20.3 | 0.80 | 0.79 | 20 | 2 | 3 |
| December | 29.748 | 29.669 | 81.3 | 86.1 | 75.4 | 75.7 | .889 | .895 | .189 | .366 | 82 | 71 | 5.6 | 5.5 | 0 | 9 | 8 | 13 | 1 | 189.7 | 7.47 | 3.34 | 12 | 15 | 18 |
| Year | 29.848 | 29.754 | 77.1 | 85.6 | 71.3 | 72.9 | .778 | .820 | .165 | .419 | 83 | 66 | 4.8 | 5.1 | 5 | 139 | 94 | 118 | 9 | 637.4 | 25.10 | 3.34 | Dec. 12 | 79 | 57 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30h | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 6 | 0 | 0 | 3 | 7 | 2 | 0 | 10 | 3 | 28 | 0 | 0 | 5.6 | 9.4 | 92.0 | 30,31 | 71.7 | 30 | 88.9 | 74.8 | 81.9 | 20.3 | 7.5 | 14.1 | 0 | 0 | 31 |
| February | 8 | 0 | 0 | 3 | 6 | 3 | 0 | 8 | 0 | 28 | 0 | 0 | 4.9 | 11.9 | 94.2 | 23 | 71.2 | 24 | 91.8 | 75.1 | 83.5 | 20.9 | 9.9 | 16.7 | 0 | 0 | 28 |
| March | 6 | 2 | 0 | 3 | 11 | 5 | 1 | 1 | 2 | 29 | 0 | 0 | 3.6 | 8.9 | 96.0 | 28 | 71.8 | 3,19 | 90.6 | 74.6 | 82.6 | 22.0 | 9.5 | 16.1 | 0 | 0 | 31 |
| April | 0 | 0 | 0 | 0 | 7 | 22 | 0 | 0 | 1 | 29 | 0 | 0 | 6.7 | 7.4 | 94.7 | 2 | 69.7 | 28 | 89.2 | 73.7 | 81.5 | 20.3 | 7.1 | 15.5 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 | 30 | 1 | 0 | 8.5 | 9.4 | 91.8 | 15 | 65.7 | 29 | 88.5 | 70.7 | 79.6 | 24.3 | 12.1 | 17.8 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 0 | 16 | 14 | 0 | 0 | 0 | 28 | 2 | 0 | 8.7 | 10.1 | 92.0 | 3 | 64.6 | 29 | 88.8 | 67.9 | 78.3 | 24.5 | 17.1 | 20.9 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 28 | 3 | 0 | 8.7 | 11.0 | 90.6 | 4 | 62.2 | 2,31 | 87.5 | 66.6 | 77.1 | 27.4 | 17.5 | 20.9 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 0 | 0 | 29 | 2 | 0 | 8.1 | 13.6 | 92.5 | 20 | 64.2 | 1, 5 | 88.1 | 67.9 | 78.0 | 25.3 | 15.8 | 20.2 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 2 | 14 | 13 | 0 | 0 | 1 | 29 | 0 | 0 | 6.9 | 12.8 | 91.7 | 18 | 66.3 | 7 | 85.2 | 68.9 | 77.1 | 23.8 | 9.6 | 16.3 | 0 | 0 | 30 |
| October | 2 | 2 | 3 | 5 | 14 | 3 | 1 | 0 | 1 | 29 | 1 | 0 | 5.8 | 13.9 | 90.2 | 29 | 67.0 | 18 | 87.0 | 71.3 | 79.1 | 21.8 | 9.7 | 15.7 | 0 | 0 | 31 |
| November | 1 | 10 | 0 | 5 | 8 | 4 | 0 | 0 | 2 | 28 | 0 | 0 | 5.6 | 13.6 | 91.6 | 24 | 70.0 | 2 | 88.9 | 74.7 | 81.8 | 18.0 | 8.4 | 14.1 | 0 | 0 | 30 |
| December | 2 | 1 | 0 | 2 | 10 | 6 | 0 | 4 | 6 | 22 | 3 | 0 | 4.3 | 12.3 | 93.1 | 8 | 72.2 | 19 | 89.5 | 75.6 | 82.5 | 19.1 | 8.9 | 13.9 | 0 | 0 | 31 |
| Year | 25 | 15 | 3 | 23 | 138 | 120 | 2 | 23 | 16 | 337 | 12 | 0 | 6.5 | 11.2 | 96.0 | March 28 | 62.2 | July 2,31 | 88.7 | 71.8 | 80.3 | 27.4 | 7.1 | 16.9 | 0 | 0 | 365 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LYAMUNGU, MOSHI 1946.

Lat.: 3° 14'S Long.: 37° 15'E Alt.: 4100 feet Standard Time 3h 00m East Reference Number 93.37/21

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 68.8 | 83.8 | 59.0 | 59.0 | .502 | .502 | .207 | .667 | 71 | 43 | 1.6 | 5.8 | 13 | 10 | 3 | 3 | 0 | 0.3 | 0.01 | 0.01 | 18 | 1 | 1 |
| February | - | - | 68.8 | 86.9 | 58.1 | 56.8 | .487 | .467 | .222 | .824 | 69 | 36 | 1.0 | 4.4 | 15 | 12 | 0 | 0 | 1 | 29.7 | 1.17 | 0.82 | 17 | 6 | - |
| March | - | - | 69.0 | 84.1 | 59.9 | 58.8 | .520 | .499 | .198 | .676 | 72 | 42 | 3.4 | 5.8 | 12 | 6 | 5 | 5 | 3 | 14.7 | 0.58 | 0.50 | 1 | 3 | 2 |
| April | - | - | 66.3 | 76.6 | 62.6 | 63.5 | .573 | .591 | .080 | .333 | 88 | 64 | 7.8 | 8.0 | 0 | 4 | 5 | 6 | 15 | 508.8 | 20.03 | 7.43 | 11 | 22 | 0 |
| May | - | - | 63.1 | 70.8 | 60.6 | 62.4 | .535 | .570 | .047 | .192 | 92 | 75 | 9.4 | 8.0 | 0 | 1 | 0 | 9 | 21 | 550.9 | 21.69 | 5.86 | 20 | 24 | 0 |
| June | - | - | 60.6 | 68.7 | 57.2 | 58.6 | .473 | .496 | .062 | .213 | 88 | 70 | 9.3 | 6.5 | 0 | 1 | 0 | 9 | 20 | 65.3 | 2.57 | 0.96 | 7 | 14 | 0 |
| July | - | - | 59.0 | 68.7 | 55.8 | 56.8 | .449 | .467 | .056 | .242 | 89 | 66 | 6.9 | 6.4 | 6 | 2 | 2 | 4 | 17 | 17.0 | 0.67 | 0.12 | 11 | 11 | 0 |
| August | - | - | 59.1 | 68.9 | 56.8 | 57.4 | .467 | .475 | .041 | .237 | 92 | 67 | 9.4 | 8.8 | 0 | 1 | 1 | 4 | 25 | 29.2 | 1.15 | 0.36 | 12 | 17 | 0 |
| September | - | - | 59.8 | 70.5 | 58.1 | 58.6 | .487 | .496 | .030 | .257 | 94 | 66 | 9.0 | 8.0 | 0 | 2 | 2 | 2 | 24 | 201.2 | 7.92 | 2.58 | 20 | 21 | 0 |
| October | - | - | 63.4 | 76.1 | 59.5 | 60.4 | .514 | .532 | .074 | .375 | 87 | 59 | 7.6 | 5.8 | 2 | 2 | 3 | 14 | 10 | 138.2 | 5.44 | 1.82 | 27 | 14 | 0 |
| November | - | - | 67.6 | 77.5 | 62.4 | 62.4 | .567 | .567 | .115 | .387 | 83 | 59 | 6.2 | 6.4 | 2 | 8 | 3 | 10 | 7 | 14.0 | 0.55 | 0.43 | 5 | 5 | 0 |
| December | - | - | 68.4 | 79.4 | 61.7 | 61.3 | .555 | .546 | .145 | .464 | 79 | 54 | 3.6 | 6.3 | 5 | 14 | 3 | 3 | 5 | 63.0 | 2.48 | 1.09 | 9 | 8 | 0 |
| Year | - | - | 64.5 | 76.0 | 59.3 | 59.7 | .511 | .517 | .106 | .406 | 84 | 58 | 6.3 | 6.7 | 55 | 63 | 27 | 69 | 148 | 1632.3 | 64.26 | 7.43 | Apr. 11 | 146 | 84 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30 | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 8 | 4 | 2 | 2 | 1 | 0 | 2 | 3 | 7 | 22 | 0 | 0 | 1.6 | 6.7 | 91.6 | 29 | 51.4 | 25 | 87.1 | 55.3 | 71.2 | 37.4 | 21.4 | 31.9 | 0 | 0 | 29 |
| February | 7 | 2 | 4 | 3 | 0 | 3 | 0 | 4 | 5 | 23 | 0 | 0 | 1.8 | 7.2 | 92.3 | 24 | 51.6 | 13 | 89.5 | 55.5 | 72.5 | 39.4 | 23.4 | 34.0 | 0 | 0 | 28 |
| March | 3 | 4 | 6 | 7 | 0 | 3 | 1 | 2 | 5 | 26 | 0 | 0 | 2.7 | 6.5 | 92.5 | 15,20 | 52.0 | 17 | 87.4 | 57.2 | 72.3 | 39.6 | 15.7 | 30.2 | 0 | 0 | 31 |
| April | 2 | 3 | 4 | 17 | 0 | 0 | 0 | 0 | 4 | 26 | 0 | 0 | 3.1 | 5.1 | 88.2 | 6 | 55.9 | 6 | 78.6 | 60.1 | 69.3 | 32.3 | 8.6 | 18.5 | 4 | 4 | 22 |
| May | 0 | 0 | 1 | 23 | 1 | 0 | 0 | 0 | 6 | 25 | 0 | 0 | 2.7 | 3.1 | 77.0 | 10 | 55.0 | 8 | 71.8 | 59.4 | 65.6 | 18.2 | 4.9 | 12.3 | 5 | 6 | 20 |
| June | 0 | 0 | 4 | 26 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 3.6 | 3.6 | 73.8 | 6 | 56.3 | 29 | 70.2 | 58.0 | 64.1 | 16.6 | 8.3 | 12.2 | 1 | 5 | 24 |
| July | 0 | 0 | 5 | 20 | 4 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 4.5 | 5.1 | 74.1 | 27 | 49.6 | 3, 4 | 69.7 | 54.8 | 62.3 | 23.7 | 6.5 | 14.9 | 1 | 7 | 23 |
| August | 0 | 1 | 0 | 20 | 3 | 0 | 0 | 0 | 7 | 24 | 0 | 0 | 2.9 | 4.0 | 75.2 | 26 | 54.9 | 26 | 70.1 | 56.7 | 63.4 | 20.3 | 6.3 | 13.3 | 4 | 11 | 16 |
| September | 0 | 0 | 1 | 19 | 4 | 0 | 0 | 0 | 6 | 24 | 0 | 0 | 2.9 | 5.4 | 79.0 | 14 | 51.1 | 4 | 72.5 | 56.3 | 64.4 | 24.1 | 8.2 | 16.2 | 9 | 8 | 13 |
| October | 0 | 1 | 4 | 21 | 1 | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 2.9 | 5.8 | 83.1 | 16 | 48.2 | 21 | 77.6 | 55.8 | 66.7 | 33.3 | 10.2 | 21.8 | 4 | 5 | 22 |
| November | 2 | 6 | 3 | 6 | 1 | 6 | 0 | 0 | 6 | 24 | 0 | 0 | 2.2 | 5.8 | 86.0 | 23 | 54.0 | 3 | 80.3 | 57.2 | 68.7 | 30.1 | 14.2 | 23.1 | 1 | 2 | 27 |
| December | 1 | 7 | 3 | 10 | 4 | 2 | 0 | 0 | 3 | 27 | 0 | 0 | 2.5 | 5.6 | 86.0 | 21 | 53.4 | 30 | 82.6 | 57.0 | 69.8 | 31.5 | 13.9 | 25.6 | 0 | 1 | 29 |
| Year | 23 | 28 | 37 | 174 | 19 | 14 | 3 | 9 | 55 | 307 | 0 | 0 | 2.8 | 5.3 | 92.5 | Mar. 15,20 | 48.2 | Oct. 21 | 78.1 | 56.9 | 67.5 | 39.6 | 4.9 | 21.2 | 29 | 49 | 284 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBEYA METEOROLOGICAL STATION 1946.

Lat.: 8° 56'S Long.: 33° 28'E Alt.: 5768 feet Standard Time 3h 00m East Reference Number 98.33/01.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.463 | 24.404 | 63.8 | 70.9 | 57.4 | 59.0 | .475 | .505 | .124 | .257 | 79 | 66 | 7.9 | 8.4 | 1 | 2 | 2 | 19 | 7 | 112.9 | 4.43 | 0.83 | 19 | 17 | 25 |
| February | 24.448 | 24.395 | 63.8 | 71.9 | 58.3 | 59.4 | .490 | .511 | .109 | .280 | 82 | 65 | 7.7 | 8.3 | 0 | 1 | 4 | 21 | 2 | 160.5 | 6.32 | 0.91 | 3 | 19 | 23 |
| March | 24.451 | 24.398 | 62.8 | 71.2 | 58.8 | 60.4 | .499 | .532 | .077 | .239 | 87 | 69 | 7.4 | 8.6 | 0 | 5 | 5 | 17 | 4 | 84.6 | 3.33 | 0.94 | 12 | 18 | 25 |
| April | 24.480 | 24.442 | 63.4 | 68.8 | 57.9 | 60.4 | .484 | .529 | .104 | .180 | 82 | 75 | 6.5 | 8.6 | 0 | 6 | 6 | 17 | 1 | 111.3 | 4.38 | 1.18 | 17 | 17 | 21 |
| May | 24.519 | 24.483 | 60.1 | 69.5 | 54.0 | 57.4 | .419 | .475 | .104 | .251 | 80 | 65 | 4.1 | 6.5 | 1 | 17 | 5 | 7 | 1 | 7.1 | 0.28 | 0.21 | 20 | 4 | 7 |
| June | 24.563 | 24.528 | 55.9 | 67.1 | 48.6 | 52.0 | .343 | .390 | .109 | .280 | 76 | 57 | 2.2 | 3.2 | 0 | 24 | 5 | 1 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | 24.539 | 24.501 | 53.5 | 68.3 | 46.8 | 51.1 | .322 | .378 | .088 | .322 | 78 | 54 | 2.6 | 3.2 | 0 | 24 | 4 | 2 | 1 | 2.0 | 0.08 | 0.08 | 30 | 1 | 0 |
| August | 24.542 | 24.495 | 56.3 | 68.4 | 47.3 | 51.3 | .328 | .381 | .130 | .319 | 72 | 54 | 2.9 | 4.6 | 1 | 23 | 2 | 5 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 24.522 | 24.451 | 60.0 | 75.6 | 50.4 | 53.1 | .366 | .405 | .157 | .487 | 70 | 45 | 3.0 | 4.5 | 2 | 17 | 7 | 3 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 2 |
| October | 24.477 | 24.401 | 65.7 | 79.7 | 52.3 | 54.7 | .396 | .431 | .242 | .591 | 63 | 42 | 4.1 | 6.6 | 3 | 15 | 3 | 9 | 1 | 0.3 | 0.01 | 0.01 | 11 | 1 | 7 |
| November | 24.463 | 24.386 | 65.9 | 76.0 | 56.5 | 57.0 | .461 | .470 | .180 | .434 | 72 | 52 | 7.0 | 7.4 | 2 | 4 | 4 | 10 | 10 | 141.7 | 5.58 | 1.97 | 18 | 12 | 18 |
| December | 24.457 | 24.395 | 64.3 | 70.2 | 59.0 | 60.3 | .502 | .526 | .103 | .218 | 83 | 71 | 8.3 | 8.9 | 0 | 4 | 1 | 13 | 13 | 154.7 | 6.09 | 0.84 | 4 | 27 | 28 |
| Year | 24.494 | 24.440 | 61.3 | 71.5 | 53.9 | 56.3 | .424 | .461 | .127 | .321 | 77 | 60 | 5.3 | 6.6 | 10 | 142 | 48 | 124 | 41 | 774.7 | 30.50 | 1.97 | Nov. 18 | 116 | 156 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | | Frequency of Visibility at 8.30h | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½Max +Min | Range Max. | Range Min | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 0 | 19 | 1 | 0 | 1 | 3 | 0 | 6 | 24 | 1 | 0 | 4.9 | 7.4 | 78.8 | 10 | 51.7 | 14 | 75.2 | 57.1 | 66.1 | 24.6 | 11.0 | 18.2 | 1 | 3 | 27 |
| February | 0 | 0 | 19 | 2 | 0 | 0 | 3 | 0 | 4 | 23 | 1 | 0 | 4.5 | 6.5 | 79.7 | 8 | 53.0 | 10 | 75.8 | 56.9 | 66.3 | 26.5 | 11.0 | 18.9 | 0 | 1 | 27 |
| March | 0 | 0 | 16 | 0 | 0 | 1 | 3 | 0 | 11 | 20 | 0 | 0 | 2.7 | 6.3 | 80.3 | 24 | 53.5 | 31 | 74.8 | 56.7 | 65.7 | 25.3 | 12.7 | 18.1 | 1 | 0 | 30 |
| April | 0 | 0 | 19 | 3 | 0 | 0 | 0 | 0 | 8 | 22 | 0 | 0 | 3.1 | 6.0 | 79.8 | 7 | 52.2 | 30 | 73.4 | 56.2 | 64.8 | 26.5 | 11.8 | 17.3 | 1 | 0 | 29 |
| May | 0 | 0 | 20 | 4 | 0 | 0 | 0 | 0 | 7 | 23 | 1 | 0 | 4.7 | 8.1 | 75.6 | 10,25 | 42.8 | 30,31 | 71.8 | 52.3 | 62.1 | 28.8 | 13.0 | 19.5 | 1 | 0 | 30 |
| June | 0 | 3 | 13 | 13 | 0 | 0 | 0 | 0 | 1 | 27 | 2 | 0 | 6.0 | 11.0 | 74.5 | 5 | 37.0 | 30 | 68.1 | 46.6 | 57.3 | 29.8 | 12.0 | 21.5 | 0 | 0 | 30 |
| July | 0 | 4 | 16 | 9 | 0 | 0 | 0 | 0 | 2 | 27 | 2 | 0 | 5.8 | 12.1 | 74.7 | 7 | 37.5 | 1 | 69.3 | 45.0 | 57.1 | 33.6 | 11.6 | 24.3 | 0 | 0 | 31 |
| August | 0 | 4 | 10 | 15 | 0 | 0 | 0 | 0 | 2 | 24 | 5 | 0 | 6.7 | 12.3 | 77.8 | 10 | 41.1 | 6 | 71.0 | 47.2 | 59.1 | 33.1 | 12.8 | 23.7 | 0 | 0 | 31 |
| September | 0 | 1 | 24 | 5 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 11.0 | 13.0 | 82.0 | 28 | 44.8 | 2 | 77.4 | 50.4 | 63.9 | 34.9 | 18.2 | 27.2 | 0 | 0 | 30 |
| October | 0 | 2 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 16.8 | 12.3 | 86.2 | 17 | 47.5 | 9 | 82.2 | 54.0 | 68.1 | 33.2 | 21.6 | 28.2 | 0 | 2 | 29 |
| November | 0 | 3 | 20 | 2 | 0 | 1 | 1 | 0 | 3 | 22 | 5 | 0 | 8.7 | 10.1 | 85.1 | 16 | 54.7 | 2 | 79.0 | 57.1 | 68.0 | 28.9 | 12.2 | 21.9 | 0 | 0 | 30 |
| December | 0 | 3 | 18 | 3 | 0 | 1 | 3 | 1 | 2 | 28 | 1 | 0 | 4.9 | 5.8 | 79.3 | 3 | 53.0 | 6 | 75.0 | 57.3 | 66.2 | 25.2 | 5.2 | 17.7 | 0 | 2 | 29 |
| Year | 1 | 20 | 220 | 60 | 0 | 4 | 13 | 1 | 46 | 266 | 53 | 0 | 6.7 | 9.2 | 86.2 | Oct. 17 | 37.0 | June 30 | 74.4 | 53.1 | 63.7 | 34.9 | 5.2 | 21.4 | 4 | 8 | 353 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBULU, 1946.

Lat.: 3° 52'S  Long.: 35° 33'E  Alt.: 5700 feet.  Standard Time 3h 00m East  Reference Number 93.35/01

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 63.8 | 77.4 | 55.2 | 52.0 | .440 | .390 | .159 | .558 | 73 | 41 | 4.5 | 4.0 | 0 | 14 | 8 | 9 | 0 | 56.1 | 2.21 | 0.70 | 19 | 9 | |
| February | | | 66. | 81.3 | 54.5 | 46.6 | .428 | .319 | .216 | .759 | 67 | 30 | 2.6 | 3.0 | 3 | 20 | 3 | | | 16.3 | 0.64 | 0.40 | 27 | 3 | 3 |
| March | | | 64.6 | 75. | 57.9 | 54.7 | .484 | .431 | .130 | .446 | 79 | 49 | 5.7 | 5.6 | 1 | 9 | 7 | 7 | 7 | 160.5 | 6.32 | 3.68 | | 9 | 3 |
| April | | | 61.9 | 73.0 | 59.0 | 60.8 | .502 | .537 | .056 | .284 | 90 | 65 | 9.4 | 7.0 | 0 | 0 | | 8 | 21 | 300.0 | 11.81 | 3.81 | 11 | 18 | 4 |
| May | | | 58.7 | 67.0 | 56. | 58.1 | .455 | .487 | .041 | .177 | 92 | 73 | 9.2 | 6.8 | 0 | 0 | | 12 | 18 | 53.6 | 2.11 | 0.67 | 5 | 5 | 0 |
| June | | | 55.8 | 66.0 | 51.8 | 54.7 | .387 | .431 | .062 | .23 | 86 | 67 | 8.3 | 5.5 | 1 | 0 | 7 | 8 | 14 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| July | | | 54.9 | 66.5 | 50.0 | 50.9 | .363 | .375 | .071 | .284 | 84 | 57 | 7.5 | 5.2 | 1 | 5 | 4 | 6 | 15 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | | | 55.4 | 66.4 | 51.3 | 52.0 | .381 | .390 | .062 | .263 | 86 | 60 | 9.3 | 6.5 | 0 | 0 | 3 | 6 | 22 | 0.3 | 0.01 | 0.01 | 3 | 1 | 0 |
| September | | | 56. | 68.4 | 52.7 | 52.7 | .402 | .402 | .053 | .298 | 88 | 57 | 9.8 | 6.5 | 0 | 0 | 0 | 5 | 25 | 25.7 | 1.01 | 0.36 | 23 | 7 | 0 |
| October | | | 60.2 | 74.0 | 55.2 | 56.8 | .440 | .467 | .086 | .378 | 84 | 55 | 8.0 | 5.1 | 0 | 3 | 5 | 12 | 11 | 44.4 | 1.75 | 0.65 | 31 | 6 | 1 |
| November | | | 63.6 | 76.1 | 59.0 | 60.1 | .502 | .523 | .092 | .384 | 85 | 58 | 8.4 | 7.2 | 0 | 2 | 4 | 10 | 14 | 44.7 | 1.76 | 0.54 | 12 | 9 | 2 |
| December | | | 64.3 | 76.2 | 59.7 | 60.8 | .517 | .537 | .088 | .376 | 85 | 59 | 6.7 | 5.6 | 1 | 7 | 5 | 11 | 7 | 78.2 | 3.08 | 1.43 | 9 | 9 | 0 |
| Year | | | 60.5 | 72.3 | 55.2 | 55.0 | .442 | .441 | .093 | .368 | 83 | 56 | 7.5 | 5.7 | 7 | 60 | 48 | 95 | 155 | 779.8 | 30.70 | 3.81 | Apr. 11 | 86 | 14 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30 | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ⅓ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 11 | 5 | 11 | 2 | 2 | 0 | 0 | 0 | 28 | 3 | 0 | 5.8 | 8.5 | 83.0 | 10,11 | 52.0 | 16 | 79.5 | 57.6 | 68.5 | 30.0 | 10.0 | 21.9 | 0 | 0 | 31 |
| February | 0 | 5 | 9 | 8 | 3 | 0 | 1 | 2 | 0 | 24 | 4 | 0 | 6.7 | 12.8 | 88.0 | 26 | 51.0 | 2,20,21 | 83.6 | 56.1 | 69.9 | 36.0 | 15.0 | 27.5 | 0 | 0 | 28 |
| March | 0 | 0 | 1 | 15 | 7 | 0 | 0 | 4 | 4 | 15 | 12 | 0 | 8.5 | 12.8 | 83.0 | 12,25 | 52.0 | 23 | 79.1 | 57.7 | 68.4 | 29.0 | 11.0 | 21.3 | 0 | 1 | 30 |
| April | 0 | 0 | 1 | 24 | 5 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 8.9 | 10.3 | 80.0 | 7 | 56.0 | 2,15,18 | 74.6 | 58.8 | 66.7 | 21.0 | 11.0 | 15.8 | 0 | 25 | 5 |
| May | 0 | 0 | 0 | 25 | 6 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 8.9 | 10.3 | 73.0 | 1 | 54.0 | 25,30 | 68.8 | 56.5 | 62.7 | 15.0 | 8.5 | 12.2 | 0 | 21 | 10 |
| June | 0 | 0 | 0 | 24 | 6 | 0 | 0 | 0 | 0 | 8 | 22 | 0 | 5.7 | 16.1 | 72.0 | 6 | 47.0 | 30 | 68.0 | 52.5 | 60.3 | 22.0 | 12.0 | 15.5 | 0 | 4 | 26 |
| July | 0 | 0 | 3 | 22 | 6 | 0 | 0 | 0 | 0 | 14 | 17 | 0 | 11.9 | 15.7 | 73.0 | 2 | 40.0 | 3 | 68.1 | 50.1 | 59.1 | 31.0 | 11.0 | 18.0 | 0 | 2 | 29 |
| August | 0 | 0 | 1 | 25 | 5 | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 13.6 | 15.4 | 74.0 | 22 | 50.0 | 6 | 69.2 | 53.1 | 61.1 | 22.0 | 9.0 | 16.1 | 0 | 2 | 29 |
| September | 0 | 0 | 3 | 23 | 4 | 0 | 0 | 0 | 0 | 12 | 17 | | 13.4 | 15.7 | 75.0 | 14 | 51.0 | 26 | 71.2 | 53.3 | 62.3 | 22.0 | 11.0 | 18.0 | 0 | 5 | 25 |
| October | 0 | 0 | 2 | 25 | 3 | 0 | 0 | 1 | 0 | 16 | 15 | 0 | 10.3 | 15.7 | 83.0 | 16 | 51.0 | 20 | 77.1 | 55.6 | 66.3 | 28.0 | 13.0 | 21.5 | 0 | 3 | 28 |
| November | 0 | 1 | 6 | 14 | 9 | 0 | 0 | 0 | 0 | 25 | 5 | 0 | 6.5 | 11.9 | 83.0 | 19,23 | 51.0 | 15 | 78.1 | 58.0 | 68.0 | 28.0 | 16.0 | 20.1 | 0 | 0 | 30 |
| December | 0 | 2 | 3 | 23 | 2 | 1 | 0 | 0 | 0 | 23 | 8 | 0 | 7.4 | 11.6 | 81.0 | 30,31 | 51.0 | often | 78.4 | 56.3 | 67.3 | 29.0 | 15.0 | 22.1 | 0 | 0 | 31 |
| Year | 0 | 19 | 34 | 239 | 58 | 3 | 1 | 7 | 4 | 212 | 148 | 1 | 9.8 | 13.1 | 88.0 | Feb. 26 | 40.0 | July 3 | 74.6 | 55.5 | 65.1 | 36.0 | 8.5 | 19.2 | 0 | 63 | 302 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOROGORO 1946.

Lat.: 6° 51'S  Long.: 37° 40'E  Alt.: 1900 feet  Standard Time 3h 00m East  Reference Number 96.37/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 18.0 | 0.71 | 0.32 | 20 | 4 | |
| February | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 1.8 | 0.07 | 0.04 | 22 | 3 | |
| March | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 110.7 | 4.36 | 2.34 | 1 | 6 | |
| April | – | – | 73.7 | 82.7 | 71.4 | 72.7 | .774 | .809 | .065 | .322 | 92 | 72 | 7.8 | 8.0 | 0 | 0 | 11 | 6 | 10 | 198.1 | 7.80 | 1.46 | 8 | 21 | 11 |
| May | – | – | 70.2 | 79.8 | 68.4 | 70.5 | .700 | .753 | .044 | .275 | 94 | 73 | 7.2 | 7.9 | 0 | 4 | 8 | 8 | 11 | 77.5 | 3.05 | 1.20 | 19 | 15 | 0 |
| June | – | – | 65.7 | 79.9 | 62.2 | 65.1 | .564 | .623 | .074 | .405 | 88 | 61 | 4.1 | 6.4 | 1 | 12 | 13 | 3 | 1 | 0.0 | 0.00 | 0.00 | – | 0 | 0 |
| July | – | – | 65.5 | 79.7 | 61.5 | 61.7 | .552 | .555 | .080 | .467 | 87 | 54 | 4.7 | 6.2 | 6 | 5 | 10 | 7 | 3 | 13.5 | 0.53 | 0.50 | 29 | 3 | 0 |
| August | – | – | 67.1 | 80.9 | 63.5 | 63.0 | .591 | .579 | .079 | .487 | 88 | 54 | 4.2 | 7.0 | 2 | 14 | 9 | 4 | 2 | 14.7 | 0.58 | 0.27 | 7 | 6 | 0 |
| September | – | – | 69.2 | 82.3 | 64.0 | 63.0 | .602 | .579 | .119 | .531 | 84 | 52 | 6.1 | 6.9 | 0 | 5 | 14 | 9 | 2 | 21.1 | 0.83 | 0.40 | 20 | 6 | 0 |
| October | – | – | 71.6 | 86.5 | 65.7 | 64.0 | .638 | .602 | .142 | .674 | 82 | 47 | 5.3 | 4.5 | 0 | 9 | 15 | 4 | 3 | 52.8 | 2.08 | 0.91 | 29 | 7 | 2 |
| November | – | – | 75.6 | 87.8 | 68.9 | 67.5 | .712 | .679 | .180 | .647 | 80 | 51 | 6.2 | 5.3 | 0 | 8 | 8 | 7 | 5 | 13.7 | 0.54 | 0.27 | 26 | 3 | 4 |
| December | – | – | 76.2 | 88.1 | 70.3 | 69. | .750 | .718 | .163 | .626 | 82 | 53 | 5.8 | 6.3 | 0 | 7 | 14 | 9 | 0 | 45.2 | 1.78 | 0.73 | 19 | 9 | 10 |
| Year | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 567.1 | 22.33 | 2.34 | Mar. | 83 | . |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30 | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| February | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| March | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| April | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 4 | 20 | 7 | 0 | 0 | 0.4 | 2.2 | – | – | 65.3 | 30 | – | 69.2 | – | – | – | – | 1 | 4 | 22 |
| May | 1 | 1 | 0 | 1 | 0 | 5 | 2 | 1 | 20 | 11 | 0 | 0 | 0.9 | 1.8 | – | – | 57.3 | 30 | – | 65.4 | – | – | – | – | 0 | 1 | 30 |
| June | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 23 | 7 | 0 | 0 | 0.4 | 2.0 | – | – | 52.0 | 30 | – | 59.1 | – | – | – | – | 0 | 0 | 30 |
| July | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 23 | 8 | 0 | 0 | 0.4 | 2.5 | 86.0 | 28 | 50.0 | 4 | 81.6 | 58.0 | 69.8 | 32.0 | 7.2 | 23.5 | 0 | 0 | 31 |
| August | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 25 | 6 | 0 | 0 | 0.4 | 2.7 | 90.0 | 21 | 53.2 | 6 | 84.3 | 60.5 | 72.4 | 31.8 | 12.0 | 23.7 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 23 | 7 | 0 | 0 | 0.4 | 2.7 | 89.2 | 13 | 58.2 | 9 | 84.8 | 63.2 | 74.0 | 28.0 | 9.5 | 21.6 | 0 | 0 | 30 |
| October | 1 | 2 | 0 | 0 | 0 | 4 | 4 | 2 | 18 | 3 | 0 | 0 | 0.9 | 2.5 | 94.7 | 23 | 60.0 | 2 | 88.8 | 64.3 | 76.5 | 31.2 | 14.0 | 24.5 | 0 | 1 | 30 |
| November | 1 | 3 | 2 | 1 | 0 | 1 | 1 | 0 | 9 | 19 | 0 | 0 | 2.5 | 5.1 | 95.7 | 23 | 61.0 | 7 | 89.9 | 68.0 | 79.0 | 31.0 | 14.7 | 21.8 | 0 | 0 | 28 |
| December | 3 | 14 | 6 | 1 | 0 | 1 | 0 | 1 | 4 | 26 | 0 | 0 | 4.0 | 5.4 | 93.0 | often | 67.0 | 5 | 90.7 | 70.8 | 80.7 | 26.0 | 15.0 | 20.1 | 0 | 0 | 30 |
| Year | – | – | . | – | . | – | – | – | – | – | . | . | – | – | . | – | . | . | . | . | . | . | . | . | – | . | . |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOSHI METEOROLOGICAL STATION 1946.

Lat.: 3° 21'S Long.: 37° 20'E Alt.: 2668 ft. Standard Time 3h 00m East. Reference Number 93.37/04.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 27.215 | 27.067 | 73.0 | 92.0 | 61.2 | 57.7 | .543 | .481 | .278 | 1.031 | 66 | 32 | 2.2 | 4.3 | 0 | 24 | 6 | 1 | 0 | 1.0 | 0.04 | 0.04 | 26 | 1 | 7 |
| February | 27.194 | 27.044 | 72.7 | 93.9 | 61.0 | 57.4 | .540 | .475 | .269 | 1.132 | 67 | 30 | 2.1 | 3.5 | 1 | 23 | 2 | 1 | 1 | 10.9 | 0.43 | 0.33 | 27 | 2 | 7 |
| March | 27.206 | 27.055 | 73.8 | 92.3 | 63.3 | 59.0 | .568 | .505 | .251 | 1.022 | 70 | 33 | 4.1 | 4.8 | 0 | 17 | 4 | 10 | 0 | 13.7 | 0.54 | 0.39 | 1 | 4 | 6 |
| April | 27.235 | 27.117 | 72.5 | 85.9 | 66.0 | 63.5 | .647 | .591 | .159 | .655 | 80 | 47 | 7.2 | 6.1 | 0 | 5 | 5 | 17 | 3 | 328.9 | 12.95 | 5.11 | 7 | 15 | 6 |
| May | 27.303 | 27.212 | 68.6 | 77.9 | 64.4 | 64.9 | .608 | .620 | .095 | .343 | 87 | 64 | 9.0 | 6.9 | 0 | 0 | 0 | 24 | 7 | 124.7 | 4.91 | 2.06 | 6 | 17 | 0 |
| June | 27.368 | 27.271 | 67.0 | 77.0 | 61.3 | 60.8 | .546 | .537 | .118 | .399 | 82 | 57 | 8.5 | 7.0 | 0 | 1 | 3 | 19 | 7 | 0.8 | 0.03 | 0.02 | 18 | 2 | 0 |
| July | 27.360 | 27.262 | 64.8 | 77.3 | 58.5 | 58.6 | .493 | .496 | .124 | .452 | 80 | 52 | 7.9 | 5.9 | 0 | 5 | 1 | 15 | 10 | 7.4 | 0.29 | 0.11 | 30 | 4 | 0 |
| August | 27.357 | 27.256 | 65.8 | 76.9 | 59.9 | 59.2 | .520 | .508 | .121 | .422 | 81 | 55 | 8.8 | 8.3 | 0 | 1 | 2 | 15 | 13 | 7.1 | 0.28 | 0.16 | 24 | 4 | 0 |
| September | 27.336 | 27.218 | 65.9 | 78.3 | 60.3 | 59.5 | .526 | .514 | .115 | .461 | 82 | 53 | 8.8 | 7.5 | 0 | 3 | 0 | 14 | 13 | 157.0 | 6.18 | 1.31 | 21 | 12 | 0 |
| October | 27.274 | 27.135 | 69.0 | 82.9 | 62.8 | 61.3 | .576 | .546 | .142 | .591 | 80 | 48 | 7.7 | 5.2 | 0 | 4 | 2 | 19 | 6 | 118.4 | 4.66 | 3.28 | 27 | 7 | 1 |
| November | 27.221 | 27.076 | 73.0 | 85.7 | 65.1 | 63.3 | .623 | .588 | .198 | .652 | 76 | 47 | 6.4 | 5.8 | 0 | 7 | 5 | 18 | 0 | 6.6 | 0.26 | 0.16 | 3 | 2 | 8 |
| December | 27.200 | 27.070 | 73.9 | 88.4 | 64.4 | 63.1 | .608 | .582 | .237 | .768 | 72 | 43 | 3.9 | 5.5 | 0 | 18 | 5 | 8 | 0 | 53.1 | 2.09 | 1.38 | 8 | 5 | 9 |
| Year | 27.272 | 27.149 | 70.0 | 84.0 | 62.3 | 60.7 | .568 | .537 | .176 | .661 | 77 | 47 | 6.4 | 5.9 | 1 | 108 | 35 | 161 | 60 | 829.6 | 32.66 | 5.11 | April 17 | 75 | 44 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 2 | 1 | 1 | 7 | 4 | 4 | 10 | 1 | 1 | 30 | 0 | 0 | 2.7 | 9.4 | 99.0 | 30 | 59.8 | 26 | 94.5 | 63.5 | 79.0 | 37.0 | 21.8 | 31.0 | 0 | 0 | 31 |
| February | 0 | 1 | 5 | 3 | 3 | 4 | 11 | 1 | 0 | 28 | 0 | 0 | 3.1 | 9.4 | 100.0 | 20 | 59.0 | 20 | 96.6 | 62.6 | 79.7 | 41.0 | 12.7 | 33.8 | 0 | 0 | 28 |
| March | 2 | 1 | 3 | 4 | 7 | 7 | 4 | 3 | 0 | 31 | 0 | 0 | 2.7 | 9.6 | 100.2 | 20 | 61.8 | 24 | 95.0 | 65.5 | 80.3 | 36.4 | 15.5 | 29.6 | 0 | 0 | 31 |
| April | 2 | 1 | 11 | 8 | 3 | 1 | 0 | 3 | 1 | 28 | 1 | 0 | 4.3 | 9.6 | 96.1 | 7 | 64.6 | 6 | 88.2 | 67.9 | 78.1 | 31.1 | 10.5 | 20.3 | 0 | 2 | 28 |
| May | 7 | 3 | 7 | 6 | 2 | 1 | 3 | 1 | 1 | 30 | 0 | 0 | 3.4 | 4.7 | 84.0 | 13 | 61.8 | 8 | 79.5 | 65.5 | 72.5 | 19.6 | 4.8 | 14.0 | 0 | 4 | 27 |
| June | 6 | 4 | 7 | 4 | 1 | 1 | 0 | 4 | 3 | 27 | 0 | 0 | 2.7 | 3.8 | 83.7 | 21 | 53.4 | 30 | 78.8 | 63.6 | 71.2 | 26.0 | 8.8 | 15.2 | 0 | 0 | 30 |
| July | 5 | 2 | 11 | 4 | 4 | 3 | 0 | 0 | 2 | 29 | 0 | 0 | 2.5 | 4.9 | 84.4 | 19 | 51.5 | 3 | 78.9 | 60.2 | 69.5 | 29.2 | 7.2 | 18.7 | 0 | 0 | 31 |
| August | 5 | 3 | 3 | 10 | 4 | 2 | 1 | 1 | 2 | 29 | 0 | 0 | 2.5 | 4.7 | 83.6 | 27 | 58.4 | 31 | 79.1 | 62.4 | 70.7 | 24.9 | 6.8 | 16.6 | 0 | 1 | 30 |
| September | 3 | 1 | 3 | 12 | 9 | 0 | 1 | 0 | 1 | 28 | 1 | 0 | 3.4 | 6.9 | 86.2 | 14 | 56.1 | 4 | 80.5 | 62.0 | 71.3 | 27.7 | 9.9 | 18.5 | 1 | 7 | 22 |
| October | 2 | 1 | 4 | 13 | 7 | 2 | 2 | 0 | 0 | 31 | 0 | 0 | 4.9 | 6.9 | 89.3 | 18 | 53.4 | 21 | 84.9 | 62.2 | 73.5 | 34.2 | 14.8 | 22.7 | 0 | 1 | 30 |
| November | 1 | 1 | 9 | 6 | 5 | 3 | 3 | 2 | 0 | 28 | 2 | 0 | 4.7 | 9.8 | 93.0 | 23 | 59.1 | 16 | 87.6 | 63.1 | 75.3 | 32.4 | 13.6 | 24.5 | 0 | 0 | 30 |
| December | 0 | 0 | 2 | 4 | 8 | 5 | 10 | 2 | 0 | 31 | 0 | 0 | 3.8 | 7.4 | 94.6 | 22 | 58.9 | 17 | 90.8 | 62.8 | 76.8 | 33.3 | 17.8 | 28.0 | 0 | 0 | 31 |
| Year | 35 | 19 | 66 | 81 | 57 | 33 | 45 | 18 | 11 | 350 | 4 | 0 | 3.4 | 7.3 | 100.2 | Mar. 20 | 51.5 | July. 3 | 86.2 | 63.5 | 74.8 | 41.0 | 4.8 | 22.7 | 1 | 15 | 349 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MPWAPWA, 1946.

Lat.: 6° 20'S  Long.: 36° 30'E  Alt.: 3700 feet  Standard Time 3h 00m East  Reference Number 96.36/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Tota Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | | |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | | | 69.6 | 83.2 | 63.7 | 6 .5 | .594 | .549 | .135 | .594 | 81 | 48 | 4.5 | 4.8 | 7 | 6 | 9 | 6 | 3 | 137.7 | 5.42 | .40 | 9 | 8 | 1 |
| February | | | 70.0 | 86 9 | 63.5 | 59.9 | .591 | .520 | .147 | .771 | 80 | 40 | 3.6 | 5.1 | 11 | 4 | 6 | 5 | 2 | 45.7 | 1.80 | 0 90 | 22 | 5 | 1 |
| March | | | 69.7 | 82.3 | 64.9 | 64.9 | .620 | .620 | .109 | .490 | 85 | 56 | 4.2 | 6.0 | 7 | 9 | 4 | 6 | 4 | 216.9 | 8.54 | 2.69 | 30 | 14 | 1 |
| April | | | 69.9 | 78.3 | 63.9 | 64.0 | .597 | .602 | .141 | .373 | 81 | 62 | 7.1 | 6.6 | 2 | 3 | 6 | 12 | 7 | 55.9 | 2.20 | 0.60 | 15 | 7 | 0 |
| May | | | 67 5 | 75.8 | 60.6 | 60.4 | .535 | 529 | .44 | .369 | 79 | 59 | 7.0 | 6.6 | 2 | 2 | 9 | 10 | 8 | 20.6 | 0.81 | 0.42 | 19 | 7 | 0 |
| June | | | 66.4 | 76.3 | 52.7 | 54.0 | .402 | .419 | .251 | .494 | 62 | 46 | 3.3 | 4.4 | 8 | 8 | 8 | 6 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| July | | | 63.9 | 75.4 | 53.6 | 51.8 | .413 | .387 | .186 | 499 | 69 | 44 | 4.7 | 3.7 | 9 | 4 | 6 | 7 | 5 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| August | | | 64.4 | 76 5 | 55.0 | 52 3 | .437 | .396 | .171 | 522 | 72 | 43 | 5.3 | 5.3 | 3 | 7 | 8 | 9 | 4 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| September | | | 66.3 | 78.2 | 56.3 | 54.3 | 458 | .425 | .203 | 550 | 69 | 44 | 5.5 | 5.3 | 4 | 5 | 8 | 10 | 3 | 2.5 | 0.10 | 0.06 | 24 | 2 | 0 |
| October | | | 70.1 | 83.1 | 57.6 | 53.8 | .478 | .416 | .266 | .727 | 64 | 36 | 3.0 | 4.1 | 6 | 11 | 12 | 2 | 0 | 9.7 | 0.38 | 0.20 | 27 | 4 | 0 |
| November | | | 72.. | 84.. | 59.0 | 56.1 | .502 | .455 | .292 | 720 | 63 | 39 | 3.9 | 4.9 | 7 | 8 | 7 | 6 | 2 | 56.1 | 2.21 | 1.02 | 29 | 8 | 0 |
| December | | | 71.9 | 82.0 | 64.2 | 61.3 | .605 | .546 | .186 | .558 | 76 | 49 | 4.0 | 5.0 | 4 | 13 | 6 | 7 | 1 | 74.2 | 2.92 | 0.80 | 1 | 10 | 0 |
| Year | | | 68.5 | 80 2 | 59.6 | 57 9 | 519 | .489 | .186 | .556 | 73 | 47 | 4.7 | 5.1 | 70 | 80 | 89 | 86 | 39 | 619.3 | 24.38 | 2.69 | Mar. 30 | 65 | 3 |

@ At station levels corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.3. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min | ½ Max + Min | Range Max. | Range M.n. | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h | m.p.h. | F. | | F. | | F | F | F. | F. | F. | F | | | |
| January | 0 | 0 | 1 | | | 6 | | 0 | 21 | 10 | 0 | 0 | 0.7 | 3.4 | 91.8 | 10 | 55.0 | 26 | 85.8 | 60.6 | 73.2 | 32 8 | 7 9 | 25 2 | 0 | 2 | 29 |
| February | | 0 | 3 | | 0 | 5 | 3 | | 5 | 4 | 0 | 0 | 1.1 | 5.8 | 97.2 | 21 | 53.6 | 23 | 89.3 | 60 | 74 7 | 42.4 | 18 7 | 29.2 | 0 | 0 | 28 |
| March | 0 | | 2 | | 4 | | 3 | 0 | 16 | 12 | 0 | 0 | 1.6 | 5.8 | 89.6 | 12 | 54.0 | 25 | 84.5 | 6 .8 | 75 1 | 30.8 | 8.3 | 22 7 | 0 | 0 | 30 |
| April | 0 | 7 | 10 | 4 | 2 | | | 0 | 5 | 25 | 0 | 0 | 2.9 | 4.0 | 84.9 | 7 | 57.7 | 6 | 80 5 | 63 9 | 72 2 | 26 5 | 0 | 6 6 | 0 | 0 | 30 |
| May | 0 | 5 | 4 | 0 | | 0 | 0 | 0 | | 20 | 0 | 0 | 1.6 | 2.0 | 82.9 | 10 | 56.5 | 13 | 77 9 | 63.0 | 70 5 | 24 1 | 4.9 | 4 9 | 0 | 0 | 31 |
| June | 0 | 9 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 2.5 | 2.7 | 80.6 | 4 | 58.6 | 30 | 77.3 | 62.1 | 69 7 | 20 0 | .3 | 15.1 | 0 | 0 | 30 |
| July | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | | 30 | 0 | 0 | 2.5 | 2.9 | 79.5 | 2,27 | 50.0 | 26 | 76.4 | 58.0 | 67 2 | 29 2 | 7.8 | 18.4 | 0 | 0 | 31 |
| August | 0 | 8 | 3 | 5 | | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 2.0 | 3.1 | 82.2 | 10,.. | 50.0 | 24 | 78 0 | 59.0 | 68.5 | 30.6 | 10.4 | 19.1 | 0 | 0 | 31 |
| September | 0 | 5 | 11 | 9 | 2 | 1 | 2 | 0 | 0 | 30 | 0 | 0 | 2.5 | 3.8 | 84.0 | 1 | 59.0 | 6 | 79 6 | 63.5 | 71 5 | 2: 7 | 9.2 | 16 1 | 0 | 0 | 30 |
| October | 0 | 1 | 6 | 18 | 2 | | 1 | 0 | 2 | 29 | 0 | 0 | 2.0 | 3.6 | 88.3 | 16 | 51.8 | 3 | 84.7 | 58.9 | 71.8 | 34.0 | 15.8 | 25.8 | 0 | 0 | 31 |
| November | 1 | 2 | 3 | 8 | 9 | 2 | 3 | 2 | 0 | 30 | 0 | 0 | 2.2 | 2.5 | 92.3 | 23 | 55.4 | 1 | 87.7 | 59 9 | 73 8 | 33 3 | 20.2 | 27 7 | 0 | 0 | 30 |
| December | 1 | 4 | 1 | 6 | 3 | 4 | 1 | 1 | 0 | 31 | 0 | 0 | 2.5 | 2.7 | 90.5 | 2. | 49.3 | 2 | 86 4 | 60.4 | 73 4 | 37.1 | 16.2 | 26.1 | 0 | 0 | 31 |
| Year | 3 | 52 | 99 | 59 | 25 | 3. | 15 | 4 | 76 | 288 | 0 | 0 | 2.0 | 3.5 | 97.2 | Feb. 2 | 49.3 | Dec 2 | 82.3 | 60.9 | 71.6 | 42.4 | 4.9 | 2. 4 | 0 | 2 | 362 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MUSOMA 1946.

Lat.: 1° 30'S Long.: 33° 48'E Alt.: 3764 feet Standard Time 3h 00m East Reference Number 91.33/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.155 | 26.063 | 71.4 | 81.2 | 60.6 | 65.1 | .535 | .626 | .242 | .446 | 69 | 59 | 4.9 | 3.6 | 0 | 12 | 9 | 8 | 0 | 16.0 | 0.63 | 0.37 | 11 | 4 | 0 |
| February | 26.140 | 26.048 | 73.5 | 83.4 | 59.4 | 63.5 | .511 | .591 | .324 | .564 | 61 | 51 | 3.9 | 3.0 | 0 | 16 | 5 | 7 | 0 | 7.6 | 0.30 | 0.18 | 28 | 6 | 0 |
| March | 26.155 | 26.060 | 71.9 | 81.6 | 65.8 | 70.7 | .641 | .756 | .150 | .334 | 81 | 69 | 5.6 | 4.6 | 2 | 7 | 6 | 14 | 0 | 53.6 | 2.11 | 0.73 | 11 | 14 | 2 |
| April | 26.199 | 26.122 | 70.4 | 77.0 | 66.6 | 69.4 | .656 | .724 | .091 | .212 | 88 | 77 | 6.2 | 5.7 | 0 | 5 | 10 | 9 | 6 | 139.2 | 5.48 | 1.10 | 19 | 20 | 8 |
| May | 26.229 | 26.175 | 69.6 | 79.8 | 66.6 | 67.6 | .659 | .682 | .070 | .346 | 90 | 66 | 5.9 | 4.2 | 0 | 4 | 15 | 11 | 1 | 169.9 | 6.69 | 1.42 | 14 | 21 | 10 |
| June | 26.264 | 26.217 | 68.4 | 78.5 | 61.7 | 63.9 | .555 | .597 | .145 | .383 | 80 | 61 | 3.5 | 3.4 | 0 | 16 | 12 | 2 | 0 | 30.2 | 1.19 | 0.44 | 3 | 7 | 4 |
| July | 26.231 | 26.181 | 67.7 | 79.4 | 58.1 | 61.3 | .487 | .546 | .195 | .464 | 71 | 54 | 3.5 | 3.5 | 0 | 15 | 12 | 3 | 0 | 8.6 | 0.34 | 0.20 | 25 | 3 | 0 |
| August | 26.252 | 26.202 | 67.2 | 77.7 | 59.4 | 61.2 | .511 | .543 | .162 | .414 | 76 | 57 | 3.7 | 3.7 | 0 | 15 | 12 | 4 | 0 | 21.3 | 0.84 | 0.34 | 10 | 5 | 8 |
| September | 26.220 | 26.149 | 69.6 | 80.1 | 59.4 | 63.0 | .511 | .579 | .218 | .455 | 70 | 56 | 3.2 | 3.6 | 0 | 16 | 13 | 1 | 0 | 14.5 | 0.57 | 0.25 | 23 | 6 | 11 |
| October | 26.190 | 26.081 | 70.9 | 80.4 | 60.4 | 63.3 | .532 | .588 | .230 | .460 | 69 | 56 | 3.3 | 3.1 | 0 | 18 | 11 | 1 | 1 | 10.4 | 0.41 | 0.13 | 25 | 8 | 4 |
| November | 26.187 | 26.078 | 71.2 | 78.3 | 62.4 | 65.3 | .570 | .629 | .201 | .346 | 74 | 65 | 3.7 | 3.3 | 0 | 12 | 16 | 2 | 0 | 59.9 | 2.36 | 0.54 | 26 | 20 | 1 |
| December | 26.175 | 26.081 | 69.5 | 78.1 | 63.0 | 65.8 | .579 | .641 | .147 | .328 | 80 | 66 | 3.3 | 2.8 | 0 | 18 | 10 | 3 | 0 | 119.1 | 4.69 | 1.72 | 8 | 4 | 2 |
| Year | 26.200 | 26.121 | 70.1 | 79.6 | 61.9 | 65.0 | .562 | .625 | .181 | .396 | 76 | 61 | 4.2 | 3.7 | 2 | 154 | 131 | 65 | 8 | 650.3 | 25.61 | 1.72 | Dec. 6 | 128 | 50 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h. | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 8 | 0 | 20 | 0 | 1 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 9.2 | 9.8 | 91.0 | 1, 2 | 63.5 | 12,24 | 85.3 | 66.2 | 75.7 | 25.5 | 10.9 | 19.1 | 0 | 0 | 29 |
| February | 2 | 0 | 20 | 0 | 5 | 0 | 1 | 0 | 0 | 28 | 0 | 0 | 8.7 | 9.8 | 91.0 | 19 | 65.0 | 21,28 | 86.5 | 67.4 | 76.9 | 25.0 | 8.0 | 19.1 | 0 | 0 | 28 |
| March | 0 | 0 | 17 | 4 | 2 | 0 | 4 | 1 | 1 | 28 | 0 | 0 | 6.5 | 12.5 | 92.3 | 25 | 61.5 | 1 | 84.9 | 66.3 | 75.6 | 26.9 | 9.0 | 18.6 | 0 | 0 | 29 |
| April | 0 | 7 | 8 | 9 | 0 | 0 | 0 | 1 | 5 | 25 | 0 | 0 | 4.5 | 10.3 | 87.3 | 14 | 62.3 | 24 | 81.3 | 66.4 | 73.9 | 20.9 | 6.2 | 14.9 | 0 | 2 | 28 |
| May | 2 | 1 | 6 | 20 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 5.0 | 8.7 | 86.2 | 12 | 60.5 | 19 | 82.2 | 65.7 | 73.9 | 19.5 | 11.0 | 16.5 | 0 | 0 | 31 |
| June | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 6.7 | 9.4 | 88.4 | 21 | 60.3 | 20 | 81.1 | 64.8 | 72.9 | 24.0 | 8.8 | 16.3 | 0 | 0 | 24 |
| July | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 7.8 | 8.5 | 85.4 | 21 | 61.3 | 17 | 82.0 | 64.6 | 73.3 | 24.0 | 11.8 | 17.4 | 0 | 3 | 27 |
| August | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 6.9 | 9.4 | 85.4 | 23,27 | 60.1 | 24 | 80.9 | 64.3 | 72.6 | 25.0 | 8.9 | 16.6 | 0 | 4 | 27 |
| September | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 7.2 | 9.4 | 91.1 | 21 | 61.2 | 25 | 84.1 | 65.3 | 74.7 | 26.8 | 8.9 | 18.9 | 0 | 0 | 30 |
| October | 1 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 7.8 | 9.4 | 90.3 | 25 | 62.1 | 5 | 84.1 | 66.3 | 75.2 | 24.9 | 11.0 | 17.8 | 0 | 1 | 30 |
| November | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 1 | 29 | 0 | 0 | 5.8 | 9.8 | 89.3 | 17 | 62.2 | 21 | 82.1 | 66.1 | 74.1 | 22.1 | 8.9 | 16.0 | 0 | 0 | 30 |
| December | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 6.5 | 9.6 | 85.3 | 7 | 62.3 | 5 | 81.3 | 65.4 | 73.4 | 20.9 | 10.2 | 15.9 | 0 | 0 | 31 |
| Year | 13 | 9 | 71 | 242 | 8 | 0 | 5 | 2 | 10 | 349 | 1 | 0 | 7.0 | 9.7 | 92.3 | March 25 | 60.1 | Aug. 24 | 83.0 | 65.1 | 74.4 | 26.9 | 6.2 | 17.3 | 0 | 16 | 344 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MWANZA 1946.

Lat.: 2° 31'S Long.: 32° 54'E Alt.: 3709 ft. Standard Time 3h 00m East. Reference Number 92.32/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall in 24hrs. | | Rain | Thund der. |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-7 | 7 9 | 10 | mm. | ins. | | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | | | 71.8 | 84.2 | 63.5 | 66.4 | .591 | .653 | .195 | .531 | 75 | 55 | 3.1 | 3.9 | 0 | 27 | 4 | 0 | 0 | 37.1 | 1.46 | 0.94 | 20 | 9 | 0 |
| February | | | 73.1 | 87.5 | 63.3 | 65.8 | .588 | .641 | .233 | .670 | 70 | 49 | 3.1 | 3.9 | 0 | 16 | 2 | 0 | 0 | 1.3 | 0.05 | 0.05 | 1 | 1 | 0 |
| March | | | 72.1 | | 64.4 | | .608 | | .186 | | 77 | | 4.4 | 3.5 | 6 | 5 | 11 | 6 | 3 | 88.6 | 3.49 | - | - | 12 | 0 |
| April | | | 72.0 | 77.1 | 65.1 | 64.4 | .623 | .608 | .168 | .334 | 79 | 65 | 7.1 | 6.6 | 0 | 2 | 4 | 24 | 0 | 166.9 | 6.57 | 1.73 | 5 | 20 | 0 |
| May | | | 71.9 | 76.5 | 63.1 | 64.0 | .582 | .602 | .209 | .316 | 74 | 66 | 4.3 | 4.3 | 0 | 11 | 16 | 4 | 0 | 82.0 | 3.23 | 1.03 | 1 | 11 | 0 |
| June | | | 70.2 | 78.4 | 59.4 | 61.2 | .511 | .543 | .233 | .437 | 69 | 56 | 3.8 | 4.2 | 5 | 6 | 19 | 0 | 0 | 7.9 | 0.31 | 0.19 | 20 | 5 | 0 |
| July | | | 70.0 | 81.9 | 57.9 | 62.2 | .484 | .564 | .254 | .535 | 64 | 51 | 3.1 | 4.1 | 8 | 10 | 11 | 2 | 0 | 4.6 | 0.18 | 0.17 | 7 | 2 | 0 |
| August | | | 69.8 | 79.2 | 59.9 | 63.9 | .520 | .599 | .215 | .405 | 71 | 60 | 4.0 | 4.9 | 5 | 8 | 17 | 1 | 0 | 37.3 | 1.47 | 0.69 | 4 | 5 | 0 |
| September | | | 73.0 | 81.9 | 58.5 | 62.8 | .493 | .576 | .328 | .523 | 60 | 52 | 3.3 | 4.4 | 5 | 12 | 11 | 2 | 0 | 6.1 | 0.24 | 0.10 | 23 | 4 | 0 |
| October | | | 75.0 | 80.1 | 62.2 | 64.8 | .564 | .617 | .313 | .417 | 65 | 60 | 3.9 | 4.3 | 1 | 13 | 14 | 3 | 0 | 116.6 | 4.59 | 1.86 | 9 | 8 | 0 |
| November | | | 72.3 | 77.6 | 64.4 | 65.5 | .608 | .635 | .192 | .319 | 76 | 67 | 4.9 | 4.7 | 0 | 7 | 19 | 4 | 0 | 218.9 | 8.62 | 1.94 | 24 | 17 | 0 |
| December | | | 72.0 | 78.5 | 65.5 | 66.6 | .635 | .659 | .156 | .321 | 80 | 67 | 4.2 | 4.7 | 0 | 13 | 17 | 1 | 0 | 163.6 | 6.44 | 2.00 | 8 | 13 | 0 |
| Year | | | 71.9 | | 62.3 | - | .567 | - | .223 | - | 72 | | 4.1 | 4.5 | 30 | 130 | 145 | 47 | 3 | 930.9 | 36.65 | 2.00 | Dec 8 | 107 | 0 |

@ At station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | 7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 5 | 0 | - | - | - | - | - | 91.4 | 2 | - | - | 86.0 | - | - | - | - | - | 0 | 0 | 31 |
| February | 0 | 1 | 0 | 15 | 0 | 0 | 0 | 2 | 0 | - | - | - | - | - | 91.4 | often | - | - | 88.5 | - | - | - | - | - | 0 | 0 | 18 |
| March | 0 | 6 | 2 | 5 | 9 | 8 | 0 | 1 | 0 | - | - | - | - | - | 91.4 | 24,25 | - | - | 84.9 | - | - | - | - | - | 1 | 3 | 27 |
| April | 3 | 0 | 2 | 0 | 19 | 6 | 0 | 0 | 0 | - | - | - | - | - | 89.6 | 1,2 | - | - | 82.4 | - | - | - | - | - | 0 | 0 | 30 |
| May | 1 | 0 | 4 | 0 | 26 | 0 | 0 | 0 | 0 | - | - | - | - | - | 86.0 | 1,17,18 | - | - | 82.1 | - | - | - | - | - | 0 | 0 | 31 |
| June | 1 | 1 | 2 | 0 | 24 | 1 | 1 | 0 | 0 | - | - | - | - | - | 84.2 | often | - | - | 82.3 | - | - | - | - | - | 0 | 0 | 30 |
| July | 1 | 0 | 2 | 0 | 27 | 1 | 0 | 0 | 0 | - | - | - | - | - | 86.0 | often | - | - | 83.3 | - | - | - | - | - | 0 | 0 | 31 |
| August | 0 | 0 | 2 | 0 | 27 | 1 | 1 | 0 | 0 | - | - | - | - | - | 87.8 | 24,26 | - | - | 80.9 | - | - | - | - | - | 0 | 0 | 31 |
| September | 0 | 0 | 7 | 2 | 19 | 2 | 0 | 0 | 0 | - | - | - | - | - | 89.6 | 22 | - | - | 83.9 | - | - | - | - | - | 0 | 0 | 30 |
| October | 9 | 3 | 7 | 0 | 11 | 1 | 0 | 0 | 0 | - | - | - | - | - | 87.6 | 2 | - | - | 82.7 | - | - | - | - | - | 0 | 0 | 31 |
| November | 2 | 0 | 6 | 0 | 20 | 0 | 2 | 0 | 0 | | | | | | 86.0 | often | | | 80.4 | | | | | | 0 | 0 | 30 |
| December | 2 | 0 | 4 | 1 | 17 | 6 | 1 | 0 | 0 | - | - | - | - | - | 86.0 | 20 | - | - | 80.4 | - | - | - | - | - | 0 | 0 | 31 |
| Year | 19 | 11 | 38 | 49 | 199 | 26 | 5 | 8 | 0 | - | - | - | - | - | 91.4 | (1) | | - | 83.1 | | | - | - | - | 1 | 3 | 351 |

(1). Several dates June 2nd. Feb. March. 24th, 25th

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SONGEA 1946.

Lat.: 10° 41'S  Long.: 35° 40'E  Alt.: 3783 feet  Standard Time 3h 00m East  Reference Number 100.35/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1 3 | 4 6 | 7 9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.261 | 26.188 | 69.4 | 77.9 | 65.1 | 65.7 | .623 | .638 | .103 | .325 | 86 | 66 | 8.0 | 8.4 | 0 | 3 | 2 | 20 | 6 | 179.8 | 7.08 | 1.56 | 16 | 12 | 22 |
| February | 26.243 | 26.166 | 69.8 | 79.7 | 65.5 | 65.7 | .632 | .638 | .103 | .384 | 86 | 62 | 8.2 | 8.4 | 0 | 3 | 1 | 18 | 6 | 218.2 | 8.59 | 2.18 | 2 | 14 | 23 |
| March | 26.249 | 26.169 | 69.2 | 78.0 | 65.5 | 65.8 | .632 | .641 | .089 | .328 | 88 | 66 | 8.4 | 8.4 | 0 | 2 | 2 | 13 | 14 | 114.6 | 4.51 | 0.92 | 14 | 17 | 20 |
| April | 26.314 | 26.246 | 68.1 | 74.9 | 63.9 | 65.1 | .597 | .623 | .097 | .248 | 86 | 71 | 8.5 | 8.3 | 0 | 0 | 1 | 25 | 4 | 102.1 | 4.02 | 1.38 | 10 | 17 | 11 |
| May | 26.370 | 26.314 | 65.0 | 73.2 | 59.7 | 62.4 | .517 | .570 | .103 | .254 | 83 | 69 | 6.4 | 7.5 | 0 | 7 | 5 | 17 | 2 | 19.3 | 0.76 | 0.40 | 7 | 4 | 1 |
| June | 26.438 | 26.382 | 61.3 | 69.9 | 56.5 | 63.1 | .461 | .585 | .085 | .153 | 84 | 79 | 5.3 | 7.3 | 0 | 11 | 5 | 13 | 1 | 0.5 | 0.02 | 0.02 | 12 | 1 | 0 |
| July | 26.417 | 26.361 | 59.9 | 69.8 | 55.0 | 61.0 | .437 | .540 | .083 | .195 | 85 | 73 | 5.6 | 6.5 | 1 | 10 | 5 | 9 | 6 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | 26.415 | 26.354 | 61.9 | 71.6 | 53.8 | 57.0 | .416 | .470 | .142 | .310 | 75 | 60 | 4.7 | 7.1 | 1 | 14 | 3 | 11 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 26.388 | 26.305 | 63.9 | 76.0 | 56.3 | 55.8 | .458 | .449 | .141 | .455 | 76 | 50 | 6.1 | 7.1 | 0 | 7 | 6 | 15 | 2 | 3.6 | 0.14 | 0.13 | 20 | 2 | 0 |
| October | 26.317 | 26.226 | 68.6 | 81.6 | 58.5 | 57.0 | .493 | .470 | .210 | .620 | 68 | 43 | 4.0 | 5.8 | 6 | 10 | 4 | 10 | 1 | 0.5 | 0.02 | 0.02 | 30 | 1 | 0 |
| November | 26.273 | 26.166 | 71.4 | 83.9 | 64.2 | 59.4 | .605 | .511 | .172 | .626 | 79 | 45 | 6.5 | 7.2 | 1 | 6 | 4 | 16 | 3 | 119.6 | 4.71 | 1.09 | 23 | 7 | 12 |
| December | 26.255 | 26.175 | 69.6 | 77.9 | 65.5 | 67.6 | .632 | .682 | .097 | .281 | 87 | 71 | 8.5 | 7.8 | 0 | 3 | 0 | 17 | 11 | 207.0 | 8.15 | 1.99 | 23 | 18 | 27 |
| Year | 26.328 | 26.254 | 66.5 | 76.2 | 60.8 | 62.1 | .542 | .568 | .119 | .348 | 82 | 63 | 6.7 | 7.5 | 9 | 76 | 38 | 184 | 58 | 965.2 | 38.00 | 2.18 | Feb. 2 | 93 | 116 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 11 | 8 | 3 | 1 | 1 | 1 | 1 | 5 | 0 | 31 | 0 | 0 | 6.3 | 7.4 | 83.5 | 10 | 60.5 | 12 | 81.1 | 64.2 | 72.7 | 22.3 | 13.0 | 16.3 | 0 | 0 | 31 |
| February | 4 | 11 | 2 | 2 | 1 | 4 | 1 | 3 | 0 | 28 | 0 | 0 | 4.7 | 7.2 | 85.3 | 12 | 61.0 | 8 | 81.8 | 64.3 | 73.1 | 22.0 | 10.8 | 17.5 | 0 | 0 | 28 |
| March | 8 | 2 | 1 | 5 | 3 | 2 | 2 | 8 | 0 | 31 | 0 | 0 | 5.6 | 7.6 | 85.1 | 19 | 59.8 | 30 | 80.7 | 64.2 | 72.5 | 23.2 | 9.9 | 16.5 | 0 | 0 | 31 |
| April | 1 | 6 | 6 | 13 | 2 | 1 | 1 | 0 | 0 | 28 | 2 | 0 | 7.4 | 6.5 | 82.5 | 6 | 57.0 | 29 | 77.8 | 63.1 | 70.5 | 19.5 | 5.6 | 14.7 | 0 | 0 | 30 |
| May | 0 | 5 | 7 | 18 | 1 | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 7.8 | 5.8 | 79.5 | 11,12 | 52.0 | 31 | 75.1 | 59.1 | 67.1 | 21.4 | 8.8 | 16.0 | 0 | 0 | 31 |
| June | 0 | 0 | 3 | 23 | 0 | 2 | 1 | 1 | 0 | 23 | 7 | 0 | 9.2 | 6.9 | 76.8 | 3 | 48.7 | 8 | 72.0 | 53.7 | 62.9 | 25.6 | 11.2 | 18.3 | 0 | 0 | 30 |
| July | 0 | 5 | 7 | 15 | 2 | 1 | 1 | 0 | 0 | 25 | 6 | 0 | 7.8 | 5.6 | 75.8 | 27 | 46.6 | 2 | 71.7 | 52.9 | 62.3 | 26.9 | 5.6 | 18.8 | 0 | 1 | 30 |
| August | 1 | 6 | 6 | 14 | 1 | 1 | 0 | 2 | 0 | 27 | 4 | 0 | 8.3 | 6.9 | 79.4 | 26 | 50.0 | 4,18 | 74.1 | 55.9 | 65.0 | 24.7 | 4.4 | 18.2 | 0 | 0 | 31 |
| September | 0 | 20 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 0 | 10.1 | 8.3 | 81.4 | 14 | 55.8 | 2 | 77.8 | 58.9 | 68.3 | 22.7 | 12.2 | 18.9 | 1 | 0 | 29 |
| October | 4 | 20 | 5 | 1 | 0 | 0 | 0 | 1 | 0 | 25 | 6 | 0 | 10.1 | 8.7 | 88.0 | 16 | 57.6 | 2 | 83.6 | 62.1 | 72.8 | 26.2 | 15.1 | 21.4 | 0 | 0 | 31 |
| November | 6 | 14 | 7 | 2 | 0 | 0 | 0 | 1 | 0 | 28 | 2 | 0 | 8.9 | 8.1 | 91.8 | 23 | 62.0 | 25 | 84.7 | 65.0 | 74.9 | 26.3 | 5.0 | 19.8 | 0 | 0 | 30 |
| December | 4 | 19 | 3 | 1 | 0 | 2 | 0 | 2 | 0 | 31 | 0 | 0 | 5.8 | 6.9 | 84.3 | 1 | 61.0 | 9 | 80.1 | 64.8 | 72.5 | 19.9 | 6.6 | 15.2 | 0 | 0 | 31 |
| Year | 39 | 116 | 57 | 98 | 11 | 14 | 7 | 23 | 0 | 327 | 38 | 0 | 7.7 | 7.2 | 91.8 | Nov. 23 | 46.6 | July 2 | 78.4 | 60.7 | 69.5 | 26.9 | 4.4 | 17.7 | 1 | 1 | 363 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TABORA OBSERVATORY 1946.

Lat.: 5° 02'S Long.: 32° 49'E Alt.: 4151 feet Standard Time 3h 00m East Reference Number 95.32/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dew Point | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins | in 24hrs. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins | | | |
| January | 25.845 | 25.77 | 68 0 | 80.9 | 62.4 | 62.4 | .570 | .570 | ..2 | 496 | 82 | 53 | 6.7 | 6 3 | 1 | 5 | 5 | 5 | 5 | 123 9 | 4 88 | ..90 | 29 | 5 | 17 |
| February | 25.833 | 25.750 | 68.7 | 84.2 | 62.. | 61.5 | .56 | .552 | .148 | .632 | 79 | 47 | 6.6 | 5.9 | 0 | 7 | 4 | 1 | 6 | 83.3 | 3.28 | 0.86 | 10 | 10 | 16 |
| March | 25.839 | 25.759 | 67.5 | 82.2 | 63.5 | 63.0 | .591 | .579 | .088 | .531 | 87 | 52 | 6.7 | 6.4 | 0 | 4 | 7 | 15 | 5 | 81.5 | 3.21 | 0.89 | 14 | 12 | 5 |
| April | 25.862 | 25.791 | 66.8 | 79.0 | 63.1 | 63.5 | .582 | .591 | .079 | .407 | 88 | 59 | 8.0 | 8.2 | 0 | 1 | 4 | 18 | 7 | 262.6 | 10.34 | 2.72 | 16 | 14 | 6 |
| May | 25.895 | 25.830 | 66.8 | 80.2 | 59.4 | 59.9 | .511 | .520 | .150 | .522 | 77 | 50 | 6.1 | 7.3 | 0 | 7 | 7 | 17 | 0 | 19.0 | 0.75 | 0.69 | 9 | 4 | 3 |
| June | 25.939 | 25.871 | 63.9 | 80.7 | 52.7 | 53.6 | .402 | .413 | .197 | .647 | 67 | 39 | 3.0 | 4.2 | 5 | 15 | 5 | 5 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| July | 25.910 | 25.842 | 63.1 | 81.3 | 51.1 | 51.8 | .378 | .387 | .204 | .691 | 65 | 36 | 2.7 | 3.6 | 0 | 22 | 7 | 2 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | 25.910 | 25.830 | 65.4 | 82.5 | 51.8 | 51.6 | .387 | .384 | .245 | .738 | 61 | 34 | 3.8 | 5.8 | 1 | 17 | 6 | 6 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| September | 25.886 | 25.791 | 69.1 | 86.0 | 54.1 | 52.2 | .422 | .393 | .296 | .859 | 59 | 31 | 4.3 | 6.3 | 0 | 15 | 8 | 6 | 1 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| October | 25.851 | 25.744 | 73.2 | 88.3 | 55.4 | 52.0 | .443 | .390 | .381 | .960 | 54 | 29 | 5.0 | 6.6 | 0 | 14 | 5 | 10 | 2 | 4.6 | 0.18 | 0.11 | 30 | 4 | 3 |
| November | 25.848 | 25.735 | 70.8 | 83.. | 61.5 | 59.0 | .552 | .502 | .210 | .641 | 72 | 44 | 7.0 | 7.6 | 0 | 4 | 6 | 14 | 6 | 174.0 | 6.85 | 1.29 | 28 | 19 | 18 |
| December | 25.839 | 25.762 | 67.7 | 78.5 | 63.9 | 63.9 | 599 | .597 | .083 | .383 | 88 | 6. | 7.3 | 6.8 | . | 4 | 3 | 14 | 9 | 183.6 | 7 23 | 1.39 | 10 | 22 | 19 |
| Year | 25.871 | 25.790 | 67.6 | 82.2 | 58.4 | 57 9 | .500 | 490 | . 83 | .626 | 73 | 45 | 5.6 | 6.3 | 8 | 1.5 | 67 | 133 | 42 | 932.5 | 36.72 | 2.72 | Apr 6 | 100 | 107 |

@ At station level : corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 6.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | h | h | | | | | Mean Max. | Mean Min. | ½ Max + Min | Range | | | | |
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | 8.30 | 4.30 | Max. | Date | Min. | Date | | | | Max | Min | Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F | F | F | F. | F. | F. | | | |
| January | 0 | 0 | 9 | 13 | 7 | | | 0 | 0 | 30 | 1 | 0 | 6.0 | 5.4 | 88.2 | 28 | 6 .0 | | 83.4 | 63 8 | 73 6 | 25 0 | 9 2 | 16 6 | 0 | 0 | 31 |
| February | 2 | . | . | 8 | 3 | 3 | 0 | 0 | 0 | 27 | | 0 | 5.8 | 4.9 | 9 .5 | 23 | 62.0 | 3,18 | 86.3 | 64.6 | 75.5 | 28 8 | 4.6 | 2 .8 | 0 | 0 | 28 |
| March | | 2 | 8 | 7 | 5 | | | | 5 | 25 | 1 | 0 | 4.5 | 7.2 | 89.2 | 26 | 6 .5 | 6 | 84.5 | 64 1 | 74.3 | 25 6 | 2 8 | 20 4 | 0 | 0 | 7 |
| April | | 2 | 5 | 9 | 2 | 0 | 0 | 0 | | 9 | 0 | 0 | 9.8 | 9.4 | 87.2 | 3, 4 | 6 .0 | 7 | 8 .6 | 63.4 | 72.5 | 24 7 | 10 2 | 8 2 | 0 | 2 | 28 |
| May | 0 | 0 | 22 | 8 | 1 | 0 | 0 | 0 | 0 | 7 | 24 | 0 | 14.3 | 11.2 | 84.8 | 10 | 58.0 | 30 | 81.6 | 61.9 | 71.7 | 23 4 | 5.4 | 9.7 | 0 | 0 | 31 |
| June | 0 | 0 | 6 | 24 | 0 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 5.4 | 9.8 | 84.4 | 2 ,22 | 56.0 | 9,25 | 8 .7 | 58.5 | 70.1 | 27.2 | 20 0 | 23 3 | 0 | 0 | 30 |
| July | 0 | 0 | 3 | 7 | . | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 17.2 | 9.6 | 87.2 | 28 | 55.5 | , 7 | 83.1 | 59.1 | 71.1 | 27.0 | 21.3 | 24.0 | 0 | 0 | 31 |
| August | 0 | 0 | 5 | 16 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 17.2 | 9.6 | 87.0 | 28,29 | 58.3 | 4 | 84.5 | 61.1 | 72.8 | 25 6 | 15 5 | 23.4 | 0 | 0 | 3 |
| September | 0 | 0 | 7 | 13 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 | 20.1 | 10.5 | 91.0 | 29 | 61.0 | 1, 8 | 87.8 | 63.7 | 75.7 | 28.1 | 9.8 | 24 1 | 0 | 0 | 30 |
| October | 0 | 3 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 15 0 | 10.5 | 93.7 | 16 | 63.4 | 4 | 90.8 | 66.8 | 78.8 | 27.3 | 19.4 | 23.9 | 0 | 0 | 31 |
| November | 2 | 7 | 12 | 4 | 2 | 0 | 1 | 0 | 2 | 16 | 2 | 0 | 10.5 | 9.6 | 91.0 | 17 | 61.0 | often | 86.4 | 64.9 | 75.7 | 26.4 | 15.3 | 21.5 | 0 | 3 | 27 |
| December | 0 | 3 | 7 | 9 | 6 | 5 | 0 | 0 | 1 | 23 | 7 | 0 | 8.7 | 9.2 | 84.7 | 27 | 60.4 | 22 | 81.4 | 63.9 | 72.7 | 22.5 | 10.2 | 17.5 | 1 | 2 | 28 |
| Year | 6 | 18 | 159 | 32 | 27 | 10 | 3 | | 9 | 69 | 187 | 0 | 12.0 | 8.9 | 93.7 | Oct. 16 | 55.5 | July 1, 7 | 84.4 | 63.0 | 73.7 | 28.8 | 9.2 | 21.4 | 1 | 7 | 357 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TANGA 1946.

Lat.: 5° 04'S  Long.: 39° 06'E  Alt.: 30 feet  Standard Time 3h 00m East  Reference Number 95.39/00

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 81.3 | 85.0 | 72.0 | 73.6 | .791 | .833 | .287 | .378 | 73 | 69 | 5.7 | 3.3 | 0 | 7 | 11 | 12 | 1 | 0.5 | 0.02 | 0.01 | 8,19 | 2 | 0 |
| February | - | - | 80.5 | 85.2 | 72.7 | 73.0 | .809 | .821 | .239 | .405 | 78 | 67 | 6.4 | 3.1 | 2 | 1 | 12 | 8 | 5 | 2.3 | 0.09 | 0.05 | 27 | 3 | 0 |
| March | - | - | 82.4 | 87.2 | 73.2 | 74.3 | .824 | .853 | .292 | .452 | 74 | 65 | 7.0 | 4.4 | 0 | 0 | 16 | 13 | 2 | 13.0 | 0.51 | 0.23 | 1,30 | 5 | 0 |
| April | - | - | 81.4 | 87.2 | 75.0 | 74.8 | .874 | .868 | .204 | .437 | 81 | 67 | 7.8 | 6.3 | 0 | 0 | 11 | 16 | 3 | 147.3 | 5.80 | 1.09 | 27 | 18 | 0 |
| May | - | - | 77.5 | 83.1 | 72.7 | 72.7 | .812 | .809 | .142 | .334 | 85 | 71 | 7.3 | 6.7 | 0 | 2 | 11 | 8 | 10 | 380.5 | 14.98 | 4.45 | 18 | 14 | 0 |
| June | - | - | 76.4 | 82.7 | 70.3 | 69.3 | .747 | .721 | .171 | .410 | 81 | 64 | 6.9 | 5.6 | 0 | 2 | 9 | 18 | 1 | 29.2 | 1.15 | 0.59 | 25 | 9 | 0 |
| July | - | - | 74.2 | 80.9 | 69.4 | 67.8 | .726 | .685 | .124 | .381 | 85 | 64 | 7.4 | 6.3 | 0 | 1 | 11 | 12 | 7 | 28.2 | 1.11 | 0.22 | 10 | 13 | 0 |
| August | - | - | 75.0 | 80.4 | 69.8 | 68.9 | .735 | .712 | .142 | .336 | 84 | 68 | 7.5 | 5.9 | 0 | 2 | 9 | 9 | 11 | 104.1 | 4.10 | 1.39 | 24 | 18 | 0 |
| September | - | - | 75.3 | 79.8 | 70.7 | 70.3 | .759 | .750 | .127 | .278 | 86 | 73 | 8.3 | 7.5 | 0 | 1 | 4 | 11 | 14 | 288.3 | 11.35 | 3.59 | 23 | 21 | 0 |
| October | - | - | 77.9 | 83.2 | 72.1 | 71.1 | .794 | .765 | .169 | .378 | 83 | 67 | 7.3 | 5.5 | 0 | 0 | 8 | 20 | 3 | 102.6 | 4.04 | 1.73 | 26 | 15 | 0 |
| November | - | - | 81.7 | 85.7 | 74.5 | 73.6 | .862 | .833 | .228 | .407 | 79 | 67 | 5.9 | 4.4 | 0 | 3 | 12 | 14 | 1 | 5.1 | 0.20 | 0.08 | 12 | 4 | 0 |
| December | - | - | 82.4 | 86.4 | 73.9 | 75.7 | .845 | .895 | .271 | .372 | 76 | 71 | 5.1 | 4.1 | 0 | 4 | 20 | 7 | 0 | 71.1 | 2.80 | 1.63 | 18 | 6 | 1 |
| Year | - | - | 78.8 | 83.9 | 72.2 | 72.1 | .798 | .795 | .200 | .381 | 80 | 68 | 6.9 | 5.3 | 2 | 23 | 134 | 148 | 58 | 1172.2 | 46.15 | 4.45 | May 18 | 128 | 1 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | > 7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 2 | 17 | 12 | 0 | 0 | 0 | 0 | 18 | 13 | 0 | 11.6 | 20.8 | 89.1 | 10,11 | 72.1 | 26 | 87.3 | 76.0 | 81.7 | 14.8 | 8.3 | 11.3 | 0 | 0 | 31 |
| February | 0 | 0 | 2 | 8 | 17 | 1 | 0 | 0 | 0 | 16 | 12 | 0 | 11.4 | 20.8 | 88.4 | 21,27 | 72.9 | 27 | 87.2 | 75.7 | 81.5 | 15.5 | 5.8 | 11.5 | 0 | 0 | 28 |
| March | 0 | 0 | 4 | 12 | 12 | 2 | 1 | 0 | 0 | 20 | 11 | 0 | 11.2 | 15.9 | 91.7 | 27 | 73.1 | 2 | 89.3 | 76.3 | 82.8 | 17.2 | 7.5 | 12.9 | 1 | 0 | 30 |
| April | 4 | 20 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 7.6 | 15.0 | 92.1 | 2, 8 | 73.2 | 12,31 | 88.7 | 75.5 | 82.1 | 16.0 | 10.9 | 13.2 | 1 | 7 | 22 |
| May | 6 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 7.8 | 13.2 | 87.9 | 14 | 70.2 | 30 | 84.7 | 73.4 | 79.1 | 14.7 | 4.8 | 11.3 | 1 | 9 | 21 |
| June | 0 | 29 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 8.9 | 18.3 | 85.9 | 1 | 69.4 | 30 | 83.6 | 72.9 | 78.3 | 13.7 | 6.0 | 10.9 | 0 | 2 | 28 |
| July | 3 | 26 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 2 | 0 | 8.7 | 15.9 | 84.4 | 19,29 | 69.2 | 4 | 82.2 | 71.7 | 76.9 | 13.9 | 5.0 | 10.5 | 2 | 1 | 28 |
| August | 4 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 6.7 | 14.3 | 83.9 | 16,31 | 66.8 | 31 | 82.4 | 70.0 | 76.2 | 17.1 | 6.4 | 12.3 | 0 | 3 | 22 |
| September | 3 | 25 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 27 | 3 | 0 | 7.8 | 14.8 | 84.1 | 19 | 68.1 | 23 | 81.9 | 70.0 | 75.9 | 15.7 | 7.0 | 11.9 | 0 | 4 | 26 |
| October | 1 | 27 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 25 | 6 | 0 | 10.3 | 15.0 | 87.2 | 20,21 | 67.4 | 16,16 | 84.7 | 70.7 | 77.7 | 19.4 | 8.1 | 14.0 | 0 | 0 | 31 |
| November | 0 | 3 | 0 | 0 | 26 | 1 | 0 | 0 | 0 | 13 | 17 | 0 | 12.8 | 15.7 | 90.8 | 30 | 69.3 | 2 | 87.5 | 74.6 | 81.1 | 17.8 | 10.0 | 12.9 | 0 | 0 | 30 |
| December | 0 | 0 | 7 | 7 | 17 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 13.4 | 17.2 | 91.1 | 7 | 74.3 | 7 | 88.3 | 77.5 | 82.9 | 16.8 | 9.0 | 10.9 | 0 | 0 | 31 |
| Year | 21 | 182 | 21 | 47 | 85 | 5 | 1 | 3 | 0 | 273 | 92 | 0 | 9.9 | 16.4 | 92.1 | Apr. 2, 8 | 66.8 | Aug. 31 | 85.7 | 73.7 | 79.7 | 19.4 | 4.8 | 12.0 | 5 | 32 | 328 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT UKIRIGURU, MWANZA 1946

Lat = 2° 42'S  Long = 33° 0'E  Alt = 3935 feet  Standard Time 3h 00m East  Reference Number 92.33/04

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max Fall | | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 3 | 4 6 | 7 9 | 0 | mm. | ins | in 24hrs. | Date | | |
| | ins. | ins. | F. | F | F | F | ins | ins | ins. | ins | % | % | | | | | | | | | | ins | | | |
| January | 25.983 | 25.904 | 70.8 | 80.7 | 61.5 | 60.4 | .552 | .532 | .210 | .528 | 72 | 50 | 6.5 | 6.9 | 1 | 4 | 9 | 16 | 1 | 80.0 | 3.15 | 1.15 | 20 | 6 | 11 |
| February | 25.972 | 25.880 | 71.7 | 85.6 | 6.5 | 58.6 | .549 | .496 | .237 | 744 | 70 | 40 | 6.2 | 6.1 | 1 | 5 | 6 | 6 | 0 | 16.0 | 0.63 | 0.35 | 27 | 2 | 4 |
| March | 25.980 | 25.901 | 69.8 | 82.0 | 63.1 | 61.2 | .585 | .543 | .159 | .561 | 79 | 49 | 7.3 | 7.1 | 1 | 1 | 7 | 20 | 2 | 44.7 | 1.76 | 0.60 | 17 | 15 | 10 |
| April | 25.992 | 25.927 | 68.7 | 79.3 | 64.0 | 63.1 | .602 | .582 | .107 | .428 | 85 | 58 | 8.2 | 8.5 | 0 | 0 | 3 | 22 | 5 | 79.3 | 7.06 | .93 | 23 | 21 | 18 |
| May | 26.031 | 25.966 | 68.5 | 80.1 | 6 5 | 60.3 | .552 | .526 | .151 | .508 | 78 | 51 | 7.2 | 7.7 | 0 | 1 | 7 | 23 | 0 | 79.0 | 3.11 | 1.03 | 8 | 9 | 13 |
| June | 26.069 | 26.007 | 67.4 | 81.1 | 56.7 | 54.3 | .464 | .425 | .215 | .647 | 68 | 40 | 5.8 | 6.6 | 1 | 6 | 10 | 13 | 0 | 7.6 | 0.30 | 0.22 | 7 | 3 | 1 |
| July | 26.042 | 25.978 | 67.2 | 82.1 | 53.2 | 53.2 | .408 | .408 | .265 | .696 | 61 | 37 | 4.8 | 5.4 | 2 | 10 | 12 | 7 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| August | 26.042 | 25.983 | 67.7 | 80.1 | 55.2 | 54.0 | .440 | .419 | .242 | .615 | 65 | 41 | 6.3 | 6.8 | 0 | 6 | 10 | 13 | 2 | 48.3 | 1.90 | .15 | 10 | 5 | 0 |
| September | 26.025 | 25.936 | 70.8 | 83.9 | 56.5 | 54.9 | .461 | .434 | .30 | .735 | 60 | 37 | 5.7 | 8.1 | 1 | 5 | 8 | 9 | 0 | 21.3 | 0.84 | 0.38 | 13 | 10 | 5 |
| October | 25.989 | 25.895 | 72.8 | 82.1 | 60.1 | 58.3 | .523 | .490 | .292 | .614 | 64 | 44 | 7.1 | 8.2 | 0 | 3 | 6 | 20 | 2 | 42.9 | 1.69 | 0.71 | 12 | 9 | 7 |
| November | 25.983 | 25.892 | 70.3 | 77.4 | 62.8 | 6..3 | .576 | .546 | .171 | .402 | 77 | 58 | 8.2 | 7.8 | 0 | 2 | 5 | 13 | 10 | 249.7 | 9.83 | 2.29 | 27 | 19 | 15 |
| December | 25.966 | 25.901 | 69.3 | 77.3 | 64.0 | 61.9 | .602 | .558 | .119 | .390 | 84 | 59 | 6.9 | 7.5 | 0 | 5 | 7 | 15 | 4 | 118.6 | 4.67 | 0.85 | 19 | 15 | 2 |
| Year | 26.006 | 25.931 | 69.6 | 80.0 | 60.0 | 58.5 | .526 | .497 | .206 | .572 | 72 | 47 | 6.7 | 7.2 | 7 | 48 | 90 | 187 | 26 | 887.4 | 34.94 | 2.29 | Nov. 27 | 114 | 104 |

@ At station level : corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 3 | 4.7 | >7 | h 8.30 | h 14.30 | Max | Date | Min | Date | Mean Max | Mean Min | ½ Max + Min | Range Max | Range Min | Range Mean | Fog | Mist | Good V.S. |
| | | | | | | | | | | | | | m.p.h | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F | | | |
| January | 0 | 0 | 1 | 0 | 10 | 6 | 0 | 0 | 4 | 25 | 2 | 0 | 5.8 | 6.7 | 88.0 | 2 | 61.1 | 26 | 84.1 | 64.9 | 74.5 | 26.2 | 4.1 | 9.2 | 0 | 0 | 31 |
| February | 0 | 0 | 0 | 4 | 9 | 4 | 1 | 1 | 9 | 19 | 0 | 0 | 3.6 | 7.4 | 92.2 | 19 | 60.1 | 21 | 88.6 | 64.9 | 76.7 | 29.7 | 16.0 | 23.7 | 0 | 0 | 28 |
| March | 2 | 1 | 0 | 2 | 8 | 6 | 2 | 0 | 10 | 20 | 1 | 0 | 4.7 | 8.1 | 93.4 | 24 | 61.0 | 24 | 86.2 | 65.4 | 75.8 | 32.4 | 7.0 | 20.7 | 0 | 1 | 30 |
| April | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 3.1 | 5.6 | 90.8 | 1 | 62.2 | 22 | 82.3 | 65.1 | 73.7 | 24.6 | 4.5 | 7 | 0 | 0 | 30 |
| May | 0 | 0 | 0 | 5 | 19 | 1 | 0 | 0 | 6 | 25 | 0 | 0 | 4.3 | 4.9 | 87.0 | 13 | 59.7 | 28 | 82.5 | 63.6 | 73.1 | 23.0 | 15.2 | 18.6 | 0 | 0 | 31 |
| June | 0 | 0 | 0 | 0 | 24 | 1 | 0 | 0 | 5 | 23 | 2 | 0 | 4.7 | 6.7 | 86.8 | 22 | 55.5 | 30 | 83.5 | 61.3 | 72.4 | 27.5 | 14 | 22.3 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 3 | 23 | 0 | 0 | 0 | 5 | 22 | 4 | 0 | 6.0 | 6.3 | 86.6 | 22 | 55.5 | 3 | 84.4 | 61.1 | 72.7 | 28.7 | 15.3 | 23.3 | 0 | 4 | 27 |
| August | 0 | 0 | 2 | 11 | 15 | 1 | 0 | 0 | 2 | 25 | 4 | 0 | 7.8 | 7.2 | 87.7 | 23,27 | 58.1 | 11 | 83.0 | 62.6 | 72.9 | 27.6 | 5.7 | 20.2 | 0 | 0 | 31 |
| September | 0 | 0 | 1 | 13 | 7 | 0 | 0 | 0 | 2 | 5 | 6 | 0 | 8.7 | 7.4 | 92.5 | 29 | 59.8 | 2 | 87.2 | 64.4 | 75.8 | 29.4 | 18.2 | 22.6 | 0 | 0 | 23 |
| October | 0 | 1 | 2 | 23 | 5 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 9.4 | 10.5 | 90.4 | 2 | 62.0 | 5,11,22 | 86.6 | 65.0 | 75.8 | 26.6 | 12.5 | 21.6 | 0 | 0 | 31 |
| November | 3 | 4 | 11 | 9 | 2 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 8.5 | 10.5 | 88.0 | 2 | 61.6 | 5 | 84.1 | 64.9 | 73.0 | 23.0 | 4.0 | 16.2 | 0 | 0 | 30 |
| December | 2 | 2 | 5 | 12 | 8 | 0 | 0 | 0 | 2 | 28 | 1 | 0 | 7.4 | 8.5 | 86.2 | 31 | 61.6 | 1 | 84.2 | 64.4 | 72.8 | 21.5 | 7.6 | 16.8 | 0 | 0 | 31 |
| Year | 7 | 8 | 22 | 94 | 143 | 19 | 3 | 2 | 60 | 276 | 22 | 0 | 6.2 | 7.5 | 93.4 | Mar. 24 | 55.5 | June 30 July 1 | 84.2 | 60.0 | 74.1 | 32.4 | 4.0 | 20.2 | 0 | 5 | 353 |

BRITISH EAST AFRICAN) METEOROLOGICAL SERVICE.

SUMMARY OF METEOROLOGICAL OBSERVATIONS

IN UGANDA

FOR

1946.

LIBRARY
MAR 25 1948
WEATHER BUREAU

CONTENTS.

Arua
Busingiro
Butiaba
Entebbe, Meteorological Station
Entebbe, Seismological Station
Fort Portal
Gulu
Hoima
Jinja
Kabale
Kololo Hill, Kampala
Kawanda
Kitgum
Lira
Masindi
Mbale
Mbarara
Moroto
Moyo
Mubende
Serere
Soroti
Tororo

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ARUA 2ND ORDER STATION, 1946.

Lat.: 3° 01'N  Long.: 30° 55'E  Alt.: 4200 feet  Standard Time 3h 00m East  Reference Number 86.30/00

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm | Rainfall Total ins | Rainfall Max. Fall in 24hrs. ins | Rainfall Date | Number of Days of Rain | Number of Days of Thunder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 71.2 | 87.1 | 57.6 | 55.2 | .478 | .440 | .293 | .856 | 62 | 34 | 2.8 | 5.9 | 13 | 5 | 9 | 4 | 0 | 0.5 | 0.02 | 0.02 | 30 | 1 | 0 |
| February | | | 72.2 | 88.3 | 59.5 | 53.8 | .514 | .416 | .280 | .934 | 65 | 31 | .9 | 5.5 | 13 | 8 | 6 | 1 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 71.6 | 85.6 | 57.9 | 55.0 | .484 | .437 | .296 | .803 | 62 | 35 | 4.9 | 5 8 | 5 | 6 | 9 | 1 | 6 | 35.8 | 1.41 | 0 47 | 7 | 10 | 1 |
| April | | | 68 3 | 77 8 | 64.8 | 64.0 | .617 | .602 | .083 | .355 | 88 | 63 | 8 0 | 7 5 | 0 | 1 | 7 | . | 14 | 190.8 | 7 5 | 2.98 | 12 | 3 | |
| May | | | 68.6 | 78.7 | 63.9 | 64.8 | .597 | .617 | .106 | .369 | 85 | 63 | 6.4 | 7.3 | 1 | 1 | 16 | 5 | 8 | 79.5 | 3.13 | 1.08 | 26 | 12 | 0 |
| June | | | 66.3 | 78.0 | 63.1 | 64.8 | .585 | .617 | .068 | .352 | 90 | 61 | 7.6 | 7.5 | 0 | 1 | 10 | 7 | 12 | 121.9 | 4.80 | 0.95 | 3 | 17 | 0 |
| July | | | 65.5 | 76.4 | 63.1 | 66.4 | .582 | .653 | .050 | .265 | 92 | 71 | 7.1 | 7.5 | 2 | 3 | 10 | 1 | 15 | 144.8 | 5.70 | 0.89 | 4 | 14 | 5 |
| August | | | 64.7 | 74.2 | 63.0 | 66.0 | .579 | .644 | .038 | .206 | 94 | 76 | 8.7 | 8 3 | 0 | 0 | 7 | 4 | 20 | 273.6 | 10.77 | 2.80 | 20 | 22 | 3 |
| September | | | 66 3 | 78.5 | 63.1 | 66.0 | .585 | .644 | .068 | .336 | 90 | 66 | 7.0 | 6.8 | 0 | 4 | 12 | 2 | 12 | 187.5 | 7.38 | 22 | 21 | 19 | 2 |
| October | | | 67 5 | 79 7 | 63.9 | 66.6 | .597 | .659 | .082 | .363 | 88 | 64 | 6.5 | 6.8 | 0 | 4 | 14 | 6 | 7 | 258.8 | 10.19 | 1.97 | 20 | 17 | 1 |
| November | | | 68 5 | 81.3 | 62.8 | 67.3 | .576 | .673 | .127 | .405 | 82 | 63 | 5.4 | 5.7 | | 9 | 9 | 5 | 6 | 132.3 | 5.21 | .31 | 8 | 0 | 0 |
| December | | | 70 0 | 84 2 | 61.7 | 63.1 | .555 | .582 | .183 | .602 | 75 | 49 | 3.6 | 5.9 | 7 | 9 | 11 | 2 | 2 | 6.1 | 0 24 | 0 10 | 2 | 4 | 1 |
| Year | | | 68 4 | 80 8 | 62 0 | 62 7 | .562 | .582 | .139 | .487 | 81 | 56 | 5.8 | 6 7 | 42 | 51 | 20 | 39 | 102 | 1431.6 | 56 36 | 2 98 | April 2 | 139 | 14 |

@ At station level: corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8 30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + ½ Min | Range Max | Range Min | Range Mean | Frequency of Visibility at 8.30h Fog | Mist | Good Vis |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h | m.p.h | F | | F. | | F. | F. | F. | F | F. | F | | | |
| January | 0 | 0 | 8 | 0 | 0 | 0 | 16 | 7 | 0 | 31 | 0 | 0 | 4.5 | 6.9 | | | | | | | | | | | 0 | 16 | 5 |
| February | 0 | 0 | 3 | 0 | 0 | 2 | 22 | 1 | 0 | 28 | 0 | 0 | 5.8 | 7.2 | 95.0 | 24 | 58 2 | often | 92.0 | 60.5 | 76.3 | 34.7 | 17.8 | 31 5 | 0 | 19 | 9 |
| March | 0 | 0 | 7 | 0 | 2 | 0 | 17 | 1 | 0 | 27 | 0 | 0 | 5.1 | 6.5 | 94.0 | 24 | 59 0 | 4 | 88.8 | 65.7 | 77.3 | 30.4 | 1.5 | 23 2 | 0 | 7 | 20 |
| April | 0 | 0 | 10 | 0 | 1 | 0 | 10 | 2 | 0 | 23 | 0 | 0 | 4.3 | 5.6 | 88.5 | 7 | 60 5 | 11 | 80.7 | 64.3 | 72.5 | 20.8 | 6 0 | 16.5 | 0 | 2 | 21 |
| May | 0 | 0 | 20 | 0 | 2 | 0 | 7 | 2 | 0 | 31 | 0 | 0 | 4.3 | 5.8 | 85.6 | 13 | 59.5 | 21 | 81.1 | 63.4 | 72.3 | 22.0 | 5 0 | 17.7 | 0 | 1 | 30 |
| June | 0 | 0 | 12 | 0 | 7 | 0 | 11 | 0 | 0 | 30 | 0 | 0 | 3.8 | 4.7 | 84.0 | 8 | 58 2 | 18 | 80 2 | 62.0 | 71.1 | 23 3 | 13.0 | 18 2 | 0 | 0 | 30 |
| July | 3 | 0 | 4 | 0 | 5 | 0 | 19 | 0 | 0 | 31 | 0 | 0 | 3.8 | 5.6 | 83.5 | 20,22 | 59.0 | 23,25 | 78.9 | 61.5 | 70.2 | 24.0 | 8 4 | 17.4 | 0 | 3 | 28 |
| August | 4 | 0 | 4 | 0 | 4 | 1 | 18 | 0 | 0 | 31 | 0 | 0 | 4.9 | 5.8 | 82 2 | 24,26 | 58.1 | 13 | 77.8 | 61.0 | 69.4 | 21.2 | 8 5 | 16 8 | 0 | 3 | 28 |
| September | 5 | 0 | 7 | 0 | 3 | 0 | 13 | 2 | 0 | 30 | 0 | 0 | 4.5 | 6.9 | 85.0 | 28 | 59.0 | 30 | 81.2 | 61.4 | 71.3 | 23.7 | 16 0 | 19.8 | 0 | 0 | 30 |
| October | 3 | 0 | 7 | 0 | 2 | 0 | 19 | 0 | 0 | 31 | 0 | 0 | 4.5 | 6.0 | 86 0 | 11 | 58.5 | 11,14 | 82.3 | 60.1 | 71.2 | 27.5 | 15 5 | 22.2 | 0 | 0 | 31 |
| November | 3 | 0 | 14 | 0 | 1 | 0 | 6 | 6 | 0 | 30 | 0 | 0 | 4.3 | 5.8 | 86 2 | 21 | 58.3 | 8,27 | 83.6 | 60.0 | 71.8 | 26.1 | 19.6 | 23.6 | 0 | 0 | 30 |
| December | 0 | 0 | 19 | 0 | 3 | 0 | 5 | 4 | 0 | 31 | 0 | 0 | 3.6 | 6 5 | 90 8 | 31 | 57.0 | 10 | 86.6 | 60.4 | 73.5 | 32.6 | 9.5 | 26.1 | 0 | 0 | 31 |
| Year | 8 | 0 | 115 | 0 | 30 | 3 | 163 | 25 | 0 | 354 | 0 | 0 | 4.5 | 6 | | | | | | | | | | | 0 | 51 | 303 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUSINGIRU FOREST STATION 1946.

Lat.: 1° 43'N . Long.: 31° 28'E Alt.: 3600 feet . Standard Time 3h 00m East . Reference Number 88.31/05.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 73.1 | 87.5 | 68.7 | - | .709 | - | .112 | - | 86 | - | - | - | - | - | - | - | - | 0.0 | 0.00 | 0.00 | | 0 | - |
| February | - | - | 75.2 | 89.2 | 70.5 | - | .753 | - | .127 | - | 85 | - | - | - | - | - | - | - | - | 0.3 | 0.01 | 0.01 | 6 | 1 | - |
| March | - | - | 74.2 | 84.4 | 70.0 | - | .738 | - | .112 | - | 87 | - | - | - | - | - | - | - | - | 61.2 | 2.41 | 1.08 | 10 | 11 | - |
| April | - | - | 70.7 | 76.7 | 68.2 | 73.2 | .694 | .827 | .065 | .097 | 91 | 90 | - | - | - | - | - | - | - | 155.2 | 6.11 | 1.31 | 27 | 18 | - |
| May | - | - | 70.9 | 76.2 | 68.4 | 73.6 | .700 | .836 | .062 | .077 | 92 | 91 | - | - | - | - | - | - | - | 197.6 | 7.78 | 1.59 | 3 | 22 | |
| June | - | - | 69.2 | 75.6 | 67.8 | 72.5 | .685 | .803 | .036 | .089 | 95 | 90 | - | - | - | - | - | - | - | 97.0 | 3.82 | 1.06 | 24 | 12 | - |
| July | - | - | 68.6 | 75.6 | 66.7 | 73.4 | .661 | .830 | .042 | .062 | 94 | 93 | - | - | - | - | - | - | - | 148.8 | 5.86 | 1.06 | 26 | 17 | - |
| August | - | - | 68.0 | 73.1 | 66.6 | 71.1 | .656 | .768 | .035 | .053 | 95 | 93 | - | - | - | - | - | - | - | 205.2 | 8.08 | 1.87 | 20 | 23 | |
| September | - | | 68.4 | 75.6 | 66.6 | 73.4 | .656 | .830 | .044 | .062 | 94 | 93 | - | - | - | - | - | - | - | 138.7 | 5.46 | 0.66 | 23 | 19 | - |
| October | - | - | 69.8 | 77.1 | 67.5 | 74.3 | .679 | .856 | .056 | .086 | 92 | 91 | - | - | - | - | - | - | - | 239.0 | 9.41 | 1.46 | 8 | 23 | - |
| November | - | | 70.7 | 79.0 | 68.2 | 75.4 | .694 | .886 | .065 | .112 | 91 | 89 | - | - | - | - | - | - | - | 154.4 | 6.08 | 1.54 | 26 | 14 | - |
| December | - | - | 71.1 | 81.7 | 68.2 | 77.5 | .697 | .951 | .071 | .139 | 91 | 87 | - | - | - | - | - | - | - | 87.4 | 3.44 | 1.06 | 4 | 12 | - |
| Year | - | - | 70.8 | 79.3 | 68.1 | - | .693 | | .069 | - | 91 | - | - | - | - | - | - | - | - | 1484.8 | 58.46 | 1.87 | Aug. 20 | 172 | - |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Month | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | - | | | - | | | | | | | | | | | 95.2 | 26 | 55.0 | 7 | 90.8 | 60.7 | 75.7 | 36.3 | 19.8 | 30.1 | | | |
| February | | - | | - | | | | | | | | | | | 96.8 | 24 | 55.4 | 14 | 93.1 | 62.9 | 78.0 | 40.1 | 19.9 | 30.3 | | | |
| March | | | | - | | | | | | | | | | | 95.5 | 13 | 57.2 | 4 | 89.1 | 64.1 | 76.6 | 34.4 | 14.6 | 25.0 | | | |
| April | - | - | - | - | - | | | | | | | | | | 93.0 | 1 | 60.8 | 30 | 82.5 | 63.7 | 73.1 | 31.8 | 11.5 | 18.8 | | | |
| May | | - | - | - | | | | | | | | | | | 85.7 | 17 | 58.8 | 21 | 81.5 | 62.5 | 72.0 | 25.6 | 12.8 | 19.0 | | | |
| June | - | - | | - | | | | | | | | | | | 82.6 | 16 | 55.6 | 18 | 79.5 | 60.8 | 70.1 | 26.5 | 10.9 | 18.7 | | | |
| July | - | - | - | - | | | | | | | | | | | 82.5 | 23 | 57.4 | 17 | 79.2 | 60.8 | 70.0 | 27.9 | 13.0 | 18.4 | - | - | |
| August | - | - | - | - | - | | | | | | | | | | 83.9 | 25 | 57.2 | 2,25 | 77.5 | 60.6 | 69.1 | 26.7 | 8.9 | 16.9 | - | | |
| September | | | | | | | | | | | | | | | 85.0 | 28 | 57.6 | 27 | 80.1 | 60.5 | 70.3 | 26.6 | 14.4 | 19.7 | | | |
| October | - | - | | - | | | | | | | | | | | 83.5 | 6 | 57.2 | 21 | 80.9 | 60.3 | 70.6 | 23.8 | 18.1 | 20.7 | | | - |
| November | - | - | | - | | | | | | | | | | | 86.8 | 16 | 55.4 | 15 | 82.0 | 60.4 | 71.2 | 29.6 | 15.3 | 21.6 | - | | - |
| December | - | - | - | - | - | - | | | | | | | | | 89.2 | 30 | 55.2 | 30 | 83.8 | 59.5 | 71.7 | 34.0 | 16.4 | 24.3 | | | - |
| Year | | - | - | - | | | | | | | | | | | 96.8 | Feb. 24 | 55.0 | Jan. 7 | 83.3 | 61.4 | 72.4 | 40.1 | 8.9 | 22.0 | - | | - |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUTIABA 2ND ORDER STATION, 1946.

Lat. : ° 50'N Long. 31° 20'E Alt. : 2037 feet Standard Time 3h 00m East Reference Number 88.31/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8 30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max Fall | | Thun | |
| | 8 30 | 14 30 | 8 30 | 14 30 | 8 30 | 14 30 | 8 30 | 14 30 | 8 30 | 14 30 | 8 30 | 14 30 | 8 30 | 14 30 | 0 | 3 | 4 6 | 7 9 | 0 | mm | ins. | in 24hrs | Date | Rain | der |
| | ins | ins | F | F | F | F | ins | ins | ins | ins. | % | % | | | | | | | | | | ins | | | |
| January | | | 78 9 | 86 3 | 66 6 | 72 9 | .659 | 8 5 | 339 | 452 | 66 | 64 | 4.6 | 4 5 | | 7 | 7 | 6 | 0 | 0 0 | 0 00 | 0 00 | | 0 | 0 |
| February | | | 8 0 | 87 9 | 68 2 | 73 6 | 697 | 836 | 369 | 499 | 65 | 63 | 3 | 3.7 | 7 | 9 | . | 1 | 0 | 0 0 | 0.00 | 0 00 | | 0 | 0 |
| March | | | 8 | 87 0 | 68 | 72 9 | 703 | 8 5 | 369 | 48 | 66 | 63 | 4 | 5 3 | 2 | 6 | 9 | 4 | 0 | 48 5 | 9 | 0 98 | 7 | 4 | 0 |
| Apr | | | 78 7 | 83 0 | 69 4 | 7 .6 | 726 | 780 | 260 | .357 | 74 | 69 | 5 9 | 5 5 | 0 | 6 | 0 | 13 | . | 76 2 | 3 00 | 0 69 | 10 | 14 | 0 |
| May | | | 78 5 | 83 6 | 69 4 | 7 | 726 | 765 | 254 | 399 | 74 | 66 | 5 4 | 5 3 | 0 | 2 | 2 | 8 | 0 | 50 5 | .99 | 0 47 | . | 12 | 0 |
| June | | | 76 2 | 82.2 | 69 4 | 70.3 | 72+ | 750 | .89 | 360 | 79 | 68 | 5.8 | 5 6 | 0 | 2 | 8 | 0 | 0 | 8 | 4 40 | .58 | 8 | 2 | 0 |
| July | | | 74 7 | 82 3 | 68.7 | 70.7 | 706 | .759 | 59 | 35 | 8 | 68 | 5.7 | 4 8 | 0 | 6 | 3 | 2 | 0 | 57 | 2 25 | .02 | 7 | 6 | 0 |
| August | | | 73 5 | 80 5 | 67 8 | 69 8 | .685 | 735 | 5 | 3 3 | 82 | 70 | 6 4 | 5 9 | 0 | 5 | . | 5 | 0 | 26.0 | 4 96 | 98 | 5 | 2 | 0 |
| September | | | 74 6 | 82 5 | 68 4 | 70.7 | 700 | .756 | 65 | 366 | 8 | 67 | 6. | 6 0 | 0 | 2 | 7 | 1 | 0 | 75.4 | 2.97 | 94 | 9 | 2 | 0 |
| October | | | 76 5 | 82 4 | 69 3 | 7 4 | .72 | .777 | 92 | 339 | 79 | 70 | 6.8 | 6 | 0 | 2 | 0 | 9 | 0 | 09.0 | 4 29 | 08 | 8 | 5 | 0 |
| November | | | 77.0 | 83 0 | 69 | 7 | 7 5 | 765 | 22 | 372 | 76 | 67 | 5.9 | 5 9 | 0 | 4 | 4 | 2 | 0 | 93 5 | 3 68 | .3 | | 10 | 0 |
| December | | | 77 5 | 83 6 | 68 5 | 7 8 | 703 | 786 | 25 | .378 | 74 | 68 | 5.2 | 5.6 | 0 | 3 | 23 | 5 | 0 | 9.6 | 0 77 | 0.31 | 12 | 8 | 0 |
| Year | | | 77 3 | 83 7 | 68 6 | 7 5 | 705 | .778 | .244 | .389 | 75 | 67 | 5 5 | 5 3 | 0 | 54 | 184 | 16 | | 767 6 | 30 22 | 98 | Aug 5 | 105 | 0 |

@ At station level: corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8 30h | | | | | | | | Calm | Frequency of Wind Force at 8 30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8 30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1 3 | 4 7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min | Date | Mean Max | Mean Min | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F | F | | | |
| January | 0 | 2 | 5 | 4 | 1 | 8 | 0 | | 0 | 3 | 0 | 0 | 3.6 | 4.7 | 91.0 | 23,25,26 | 69.0 | 2, 9 | 88.2 | 72.3 | 80.3 | 21.0 | 8.0 | 13 9 | 0 | 0 | 31 |
| February | 0 | 0 | 2 | 20 | 0 | 6 | 0 | 0 | 0 | 24 | 4 | 0 | 6.7 | 7.4 | 96.0 | 22 | 71.0 | 14 | 89.8 | 74.6 | 82.2 | 20.0 | 9 0 | 5 2 | 0 | 2 | 26 |
| March | 0 | | 4 | 11 | 0 | 13 | 0 | | | 27 | 3 | 0 | 6.5 | 8.5 | 93.0 | ,24,31 | 68.0 | 8 | 88.8 | 74.3 | 8 .5 | 20.0 | 7.0 | 14.5 | 0 | 0 | 31 |
| April | 0 | | 4 | 10 | 1 | 12 | 0 | 1 | | 29 | 0 | 0 | 3.6 | 6.5 | 90.0 | 1,3,18 | 69.0 | 9,29 | 85.4 | 7 .8 | 78.6 | 9.0 | 8.0 | 13 6 | 0 | 2 | 28 |
| May | | 4 | | 6 | | 5 | | 2 | 0 | 30 | | 0 | 6.3 | 6.7 | 90.0 | 2 | 67.0 | | 85.7 | 7 .0 | 78.3 | 20.0 | 9 0 | 4 8 | 0 | 0 | 31 |
| June | 2 | 6 | 7 | 8 | 0 | 3 | 0 | 4 | 0 | 27 | 3 | 0 | 6.5 | 6.3 | 87.0 | 3 | 67.0 | 5, 6 | 84.2 | 69.9 | 77 | 8.0 | 9.0 | 14 2 | 0 | 0 | 30 |
| July | 0 | 9 | 7 | 3 | 0 | 0 | 0 | | | 23 | 7 | 0 | 8.9 | 6.0 | 87.0 | 9,2 | 67.0 | 23 | 83.7 | 69.9 | 76.8 | 9.0 | 7 0 | 13 7 | 0 | 0 | 31 |
| August | 0 | 6 | 3 | 2 | 0 | 3 | 0 | 0 | 7 | 9 | 5 | 0 | 6.9 | 7.2 | 87.0 | 28 | 62.0 | 2 | 82.3 | 69.3 | 75.8 | 21.0 | 7.0 | 12.9 | 0 | 2 | 29 |
| September | 0 | 6 | 2 | 7 | 0 | 4 | 0 | 1 | 0 | 24 | 6 | 0 | 7.4 | 6.7 | 88 0 | 28 | 68.0 | 9,24 | 84.2 | 69.9 | 77.1 | 7.0 | 9.0 | 14 2 | 0 | 0 | 30 |
| October | 0 | 8 | | 6 | 0 | 4 | 1 | 1 | 0 | 28 | 3 | 0 | 7.2 | 7.8 | 87.0 | 28 | 68.0 | 9,26 | 84.2 | 70.4 | 77.3 | 7.0 | 11.0 | 13.8 | 0 | 0 | 31 |
| November | 0 | 1 | 3 | 3 | | 12 | 0 | 0 | 0 | 20 | 10 | 0 | 9.8 | 10.5 | 89.0 | 3,16,17 | 67.0 | 9 | 85.0 | 70.5 | 77 7 | 20.0 | 8 0 | 14.7 | 0 | 0 | 30 |
| December | 0 | 8 | 0 | 13 | 0 | 10 | 0 | 0 | 0 | 17 | 14 | 0 | 10.3 | 11.9 | 89.0 | 31 | 67.0 | 13 | 85.5 | 70.3 | 77 9 | 19.0 | 10 0 | 15 2 | 0 | 0 | 31 |
| Year | 3 | 102 | 39 | 103 | 4 | 90 | 2 | 2 | 10 | 299 | 56 | 0 | 7.0 | 7 5 | 96.0 | Feb 22 | 62 0 | Aug. 2 | 85.6 | 7 2 | 78.4 | 2 0 | 7.0 | 14 4 | 0 | 6 | 359 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ENTEBBE AERODROME 1946.

Lat.: 0° 03'N  Long.: 32° 27'E  Alt.: 3761 feet  Standard Time 3h 00m East  Reference Number 89.32/66.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.169 | 26.096 | 70.0 | 80.0 | 64.4 | 63.5 | .611 | .591 | .127 | .443 | 83 | 57 | 5.2 | 4.5 | 3 | 9 | 7 | 8 | 4 | - | - | - | - | - | 2 |
| February | 26.149 | 26.078 | 69.7 | 82.7 | 64.2 | 63.1 | .605 | .585 | .124 | .546 | 83 | 52 | 3.9 | 3.1 | 3 | 11 | 8 | 5 | 1 | - | - | - | - | - | 3 |
| March | 26.158 | 26.087 | 69.4 | 79.4 | 64.4 | 65.5 | .611 | .635 | .115 | .375 | 84 | 63 | 6.5 | 5.4 | 0 | 9 | 4 | 12 | 6 | - | - | - | - | - | 5 |
| April | 26.184 | 26.128 | 69.2 | 75.8 | 65.5 | 65.8 | .632 | .641 | .089 | .257 | 88 | 71 | 8.8 | 7.4 | 0 | 0 | 4 | 12 | 13 | - | - | - | - | - | 4 |
| May | 26.220 | 26.166 | 69.0 | 75.9 | 66.0 | 66.6 | .644 | .656 | .074 | .248 | 90 | 73 | 8.4 | 7.2 | 0 | 0 | 4 | 17 | 10 | - | - | - | - | - | 9 |
| June | 26.252 | 26.214 | 67.4 | 74.7 | 63.9 | 64.0 | .597 | .602 | .082 | .263 | 88 | 70 | 8.1 | 6.5 | 0 | 1 | 4 | 19 | 6 | - | - | - | - | - | 8 |
| July | 26.220 | 26.175 | 67.0 | 75.3 | 63.9 | 64.0 | .597 | .602 | .067 | .284 | 90 | 68 | 6.8 | 6.3 | 1 | 4 | 5 | 17 | 4 | - | - | - | - | - | 9 |
| August | 26.226 | 26.178 | 66.2 | 72.7 | 62.8 | 63.1 | .576 | .582 | .074 | .227 | 89 | 72 | 7.6 | 7.4 | 0 | 3 | 5 | 16 | 7 | 51.6 | 2.03 | 0.41 | 25 | 13 | 7 |
| September | 26.208 | 26.140 | 67.6 | 75.3 | 63.9 | 63.9 | .597 | .597 | .085 | .289 | 87 | 67 | 7.6 | 7.4 | 0 | 0 | 6 | 21 | 3 | 70.6 | 2.78 | 1.54 | 23 | 11 | 10 |
| October | 26.178 | 26.096 | 69.2 | 76.0 | 63.5 | 64.9 | .591 | .620 | .130 | .284 | 82 | 69 | 7.3 | 7.3 | 0 | 2 | 7 | 19 | 3 | 62.5 | 2.46 | 0.87 | 12 | 13 | 12 |
| November | 26.166 | 26.096 | 68.9 | 76.5 | 64.2 | 63.9 | .605 | .597 | .107 | .321 | 85 | 65 | 8.0 | 6.8 | 0 | 2 | 4 | 15 | 9 | 122.9 | 4.84 | 0.98 | 1 | 18 | 12 |
| December | 26.161 | 26.099 | 67.2 | 77.8 | 64.8 | 64.9 | .617 | .620 | .056 | .337 | 92 | 65 | 7.5 | 5.5 | 0 | 3 | 4 | 19 | 5 | 111.5 | 4.39 | 0.90 | 2 | 16 | 11 |
| Year | 26.191 | 26.129 | 68.4 | 76.8 | 64.3 | 64.4 | .607 | .611 | .094 | .323 | 87 | 66 | 7.1 | 6.2 | 7 | 44 | 62 | 180 | 71 | | - | - | - | | 92 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | Range | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Max. | Min. | Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 5 | 2 | 3 | 2 | 2 | 2 | 1 | 10 | 4 | 26 | 1 | 0 | 4.3 | 12.3 | 85.0 | 20 | 59.0 | 6,7,9,13 | 81.5 | 62.8 | 72.1 | 24.0 | 10.5 | 18.7 | 0 | 6 | 25 |
| February | 8 | 3 | 0 | 2 | 2 | 1 | 0 | 7 | 5 | 22 | 1 | 0 | 4.0 | 14.8 | 89.0 | 21 | 58.0 | 14 | 84.4 | 61.8 | 73.1 | 31.0 | 12.0 | 22.6 | 0 | 3 | 25 |
| March | 8 | 1 | 1 | 3 | 4 | 1 | 0 | 8 | 5 | 23 | 3 | 0 | 5.1 | 13.6 | 87.0 | 14,25 | 59.0 | 3,17 | 82.0 | 63.8 | 72.9 | 26.0 | 9.0 | 18.1 | 0 | 1 | 30 |
| April | 6 | 2 | 0 | 1 | 10 | 2 | 0 | 4 | 4 | 16 | 9 | 0 | 7.6 | 11.4 | 86.0 | 9 | 60.0 | 6 | 78.3 | 64.7 | 71.5 | 21.0 | 7.0 | 13.6 | 0 | 3 | 26 |
| May | 1 | 0 | 0 | 3 | 6 | 6 | 1 | 3 | 11 | 14 | 6 | 0 | 5.6 | 11.6 | 80.0 | often | 61.0 | 1,9,31 | 77.7 | 63.6 | 70.7 | 18.0 | 7.0 | 11.4 | 0 | 3 | 28 |
| June | 7 | 1 | 1 | 1 | 3 | 0 | 1 | 4 | 12 | 16 | 2 | 0 | 4.3 | 11.0 | 85.0 | 6, 7 | 59.0 | 15 | 76.6 | 62.6 | 69.6 | 19.0 | 9.0 | 14.0 | 0 | 2 | 28 |
| July | 12 | 4 | 1 | 0 | 0 | 1 | 1 | 8 | 4 | 27 | 0 | 0 | 3 | 10.5 | 82.0 | 7,18 | 58.0 | 20,23 | 77.7 | 61.3 | 69.5 | 22.0 | 9.0 | 16.6 | 0 | 4 | 27 |
| August | 11 | 4 | 1 | 0 | 2 | 0 | 0 | 7 | 6 | 22 | 3 | 0 | 5.1 | 11.6 | 81.0 | 27 | 57.0 | 27 | 75.9 | 61.9 | 68.9 | 24.0 | 7.0 | 14.0 | 0 | 1 | 30 |
| September | 9 | 6 | 0 | 0 | 1 | 1 | 1 | 10 | 2 | 25 | 3 | 0 | 5.6 | 10.3 | 82.0 | 4 | 57.0 | 2 | 78.1 | 61.6 | 69.9 | 23.0 | 12.0 | 16.6 | 0 | 0 | 30 |
| October | 11 | 4 | 1 | 0 | 1 | 1 | 0 | 10 | 3 | 26 | 2 | 0 | 4.3 | 10.5 | 83.0 | 6 | 59.0 | 13 | 79.6 | 62.6 | 71.1 | 20.0 | 10.8 | 17.1 | 0 | 0 | 31 |
| November | 6 | 3 | 2 | 2 | 1 | 0 | 2 | 10 | 4 | 25 | 1 | 0 | 3.8 | 13.6 | 83.3 | 19 | 60.0 | 15 | 79.0 | 62.5 | 70.7 | 23.0 | 9.5 | 16.5 | 0 | 3 | 27 |
| December | 8 | 0 | 1 | 3 | 1 | 1 | 1 | 15 | 1 | 29 | 1 | 0 | 3.1 | 9.2 | 82.8 | 29 | 59.5 | 31 | 79.4 | 62.7 | 71.1 | 22.3 | 11.0 | 16.7 | 0 | 0 | 31 |
| Year | 92 | 30 | 11 | 17 | 33 | 16 | 8 | 96 | 61 | 271 | 32 | 0 | 4.7 | 11.7 | 89.0 | Feb. 21 | 57.0 | Aug.27 Sept.2 | 79.2 | 62.7 | 70.9 | 31.0 | 7.0 | 16.5 | 0 | 26 | 338 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ENTEBBE, SEISMOLOGICAL STATION 1946.

Lat.: 0° 04'N  Long.: 32° 29'E  Alt.: 3878 feet  Standard Time 3h 00m East  Reference Number 89.32/02.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total. mm. | Rainfall Total. ins. | Rainfall Max.Fall in 24hrs ins | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins | F. | F. | F | F | ins | ins | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 69.4 | 78.2 | 64.2 | 63.9 | .605 | .597 | .121 | .378 | 83 | 61 | 6.8 | 5.9 | 0 | 6 | 5 | 16 | 4 | 32.3 | 1.27 | 0.69 | 5 | 3 | 5 |
| February | | | 70.5 | 81.2 | 62.6 | 63.9 | .573 | .599 | .180 | .473 | 76 | 56 | 5.6 | 5.2 | 2 | 4 | 9 | 12 | 1 | 4 8 | 0.19 | 0.15 | 27 | 2 | 6 |
| March | - | - | 70.4 | 78.6 | 64.9 | 65.1 | .620 | .623 | .127 | .363 | 83 | 63 | 7.5 | 6.3 | 0 | 3 | 7 | 15 | 6 | 101.1 | 3 98 | 0.90 | 16 | 14 | 14 |
| April | - | - | 68.5 | 75.2 | 64.6 | 65 1 | .614 | .626 | .089 | .254 | 87 | 71 | 9.0 | 7.9 | 0 | 0 | 3 | 13 | 14 | 375.7 | 14.79 | 3.70 | 1 | 20 | 15 |
| May | - | - | 68.3 | 74.9 | 65.1 | 65.7 | .623 | .638 | .077 | .233 | 89 | 73 | 8.4 | 7.3 | 0 | 0 | 3 | 21 | 7 | 301.0 | 11.85 | 1.83 | 1 | 21 | 15 |
| June | - | - | 66.5 | 73.3 | 63.1 | 63 7 | .582 | .594 | .074 | .230 | 89 | 72 | 8.2 | 7.1 | 0 | 0 | 3 | 21 | 6 | 195.6 | 7.70 | 1.77 | 8 | 16 | 14 |
| July | - | - | 65.9 | 74.3 | 63.0 | 64.2 | .579 | .603 | .062 | .251 | 90 | 71 | 7.5 | 7.1 | 1 | 0 | 8 | 18 | 4 | 98.5 | 3.88 | 1.57 | 24 | 10 | 14 |
| August | - | - | 65.1 | 72.1 | 62.4 | 63.1 | .570 | .585 | .056 | .209 | 91 | 74 | 7.9 | 7.7 | 0 | 0 | 8 | 18 | 5 | 36.6 | 1.44 | 0.44 | 6 | 13 | 15 |
| September | - | - | 66.3 | 74.4 | 63.0 | 64.2 | .579 | .605 | .074 | .254 | 89 | 71 | 7.7 | 7.3 | 0 | 0 | 5 | 25 | 0 | 100.8 | 3.97 | 2.18 | 23 | 9 | 14 |
| October | - | - | 68.7 | 75.6 | 63.1 | 64.8 | .585 | .617 | .124 | .275 | 83 | 69 | 8.2 | 8.5 | 0 | 0 | 1 | 30 | 0 | 71.6 | 2.82 | 0.83 | 12 | 13 | 29 |
| November | - | - | 68.9 | 75.5 | 63.9 | 65.1 | .599 | .623 | .113 | .269 | 84 | 70 | 9.0 | 8.5 | 0 | 0 | 0 | 24 | 6 | 91.9 | 3.62 | .02 | 27 | 17 | 23 |
| December | - | - | 68.5 | 76.4 | 64.0 | 65.1 | .602 | .626 | .101 | .292 | 86 | 68 | 8.6 | 7.8 | 0 | 0 | 1 | 24 | 4 | 122.4 | 4.82 | 1.12 | 4 | 14 | 17 |
| Year | - | - | 68.1 | 75.8 | 63.7 | 64.5 | .594 | .611 | .100 | .290 | 86 | 68 | 7.9 | 7.2 | 3 | 13 | 53 | 237 | 57 | 1532.3 | 60.33 | 3.70 | Apr. 1 | 152 | 181 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | Mean Wind Velocity h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | Mean Max-Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 4 | 4 | 2 | 0 | 2 | 1 | 9 | 5 | 4 | 26 | 1 | 0 | 4.5 | 8.7 | 83.0 | 20,29 | 60.8 | 6 | 80.3 | 63.9 | 72.1 | 20.2 | 8.0 | 16.4 | 0 | 8 | 23 |
| February | 6 | 2 | 1 | 4 | 3 | 2 | 2 | 6 | 2 | 26 | 0 | 0 | 4.7 | 11.4 | 88 4 | 21 | 60.0 | 15 | 83.0 | 64.5 | 73.7 | 24.0 | 10.0 | 18.5 | 0 | 4 | 24 |
| March | 6 | 1 | 1 | 5 | 8 | 2 | 1 | 5 | 2 | 28 | 1 | 0 | 5.6 | 8.7 | 85.0 | 25 | 60.6 | 17 | 80.9 | 65.1 | 73.0 | 20.0 | 11.8 | 15.8 | 0 | 0 | 31 |
| April | 4 | 1 | 1 | 0 | 6 | 3 | 11 | 2 | 2 | 28 | 0 | 0 | 4.7 | 6.5 | 80.5 | 1 | 61.8 | 25 | 77.5 | 65.2 | 71.3 | 16.1 | 6.4 | 12.3 | 0 | 0 | 30 |
| May | 2 | 1 | 2 | 1 | 5 | 2 | 12 | 5 | 1 | 29 | 1 | 0 | 4.9 | 7.8 | 79.4 | 11 | 61.8 | 9,31 | 76.7 | 64.3 | 70.5 | 15.2 | 7.0 | 12.3 | 0 | 0 | 31 |
| June | 9 | 1 | 2 | 0 | 1 | 1 | 6 | 6 | 4 | 26 | 0 | 0 | 4 7 | 6.3 | 78.8 | 6 | 60.0 | 18 | 75.4 | 62.6 | 69.0 | 16.5 | 6.2 | 12.8 | 0 | 0 | 30 |
| July | 15 | 4 | 0 | 0 | 2 | 0 | 4 | 4 | 1 | 30 | 0 | 0 | 4.5 | 7.2 | 81.0 | 7 | 59.5 | 9 | 76.2 | 62.3 | 69.3 | 20.2 | 7.0 | 13.9 | 0 | 2 | 29 |
| August | 14 | 8 | 0 | 0 | 1 | 0 | 4 | 3 | 1 | 29 | 1 | 0 | 5.1 | 7.6 | 78.0 | 26 | 59.0 | 23 | 75.1 | 61.7 | 68.4 | 18.2 | 8.0 | 13.4 | 0 | 0 | 31 |
| September | 15 | 4 | 2 | 2 | 1 | 0 | 1 | 1 | 4 | 25 | 1 | 0 | 4.9 | 6.5 | 80.4 | 4 | 58.3 | 2 | 77.2 | 62.2 | 69.7 | 20.2 | 10.1 | 15.0 | 0 | 0 | 30 |
| October | 2 | 0 | 1 | 4 | 21 | 2 | 1 | 0 | 0 | 31 | 0 | 0 | 3.8 | 7.8 | 80.0 | 9,16,25 | 60.5 | 21 | 77 8 | 63.0 | 70.4 | 18.0 | 10.0 | 14.8 | 0 | 0 | 31 |
| November | 2 | 1 | 7 | 2 | 17 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 3.8 | 8.3 | 80.5 | 15 | 60.5 | 18 | 77.5 | 62.3 | 69.9 | 19.5 | 10.0 | 15.2 | 0 | 0 | 30 |
| December | 5 | 0 | 6 | 0 | 17 | 1 | 0 | 0 | 0 | 29 | 0 | 0 | 3.6 | 5.4 | 81.0 | 28 | 58.9 | 5 | 77.3 | 62.9 | 70.4 | 20.0 | 10.0 | 15.0 | 0 | 0 | 29 |
| Year | 85 | 27 | 25 | 18 | 84 | 14 | 51 | 38 | 21 | 337 | 5 | 0 | 4.6 | 7.7 | 88.4 | Feb. 21 | 58.3 | Sept. 2 | 78.0 | 63.3 | 70.6 | 24.0 | 6.2 | 14.8 | 0 | 14 | 349 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT FORT PORTAL 2ND ORDER STATION 1946.

Lat.: 0° 40'N Long.: 30° 17'E Alt.: 5049 feet Standard Time 3h 00m East Reference Number 89.30/02.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall in 24hrs | | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ns. | ins. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 25.021 | 24.962 | 58.8 | 78.9 | 54.3 | 55.9 | .425 | .452 | .074 | .546 | 85 | 45 | 7.0 | 7.2 | 0 | 7 | 6 | 9 | 9 | 11.4 | 0.45 | 0.21 | 13 | 5 | 6 |
| February | 25.006 | 24.956 | 59.9 | 81.3 | 55.2 | 54.5 | .440 | .428 | .080 | .650 | 85 | 40 | 4.5 | 7.3 | 0 | 15 | 6 | 5 | 2 | 3.6 | 0.14 | 0.14 | 2 | 1 | 7 |
| March | 25.009 | 24.968 | 60.3 | 78.6 | 56.3 | 58.5 | .458 | .493 | .068 | .493 | 87 | 50 | 6.3 | 8.0 | 1 | 9 | 4 | 8 | 9 | 53.6 | 2.11 | 0.48 | 6 | 13 | 18 |
| April | 25.030 | 24.997 | 62.5 | 73.1 | 60.4 | 63.1 | .532 | .582 | .038 | .239 | 93 | 71 | 8.6 | 8.6 | 0 | 2 | 2 | 12 | 14 | 158.5 | 6.24 | 1.06 | 2 | 27 | 28 |
| May | 25.056 | 25.024 | 62.1 | 74.5 | 59.0 | 63.1 | .505 | .582 | .056 | .277 | 90 | 68 | 7.3 | 7.8 | 0 | 5 | 5 | 11 | 9 | 240.3 | 9.46 | 1.42 | 30 | 19 | 23 |
| June | 25.095 | 25.059 | 60.4 | 73.9 | 57.4 | 60.6 | .475 | .535 | .054 | .310 | 90 | 63 | 6.4 | 7.7 | 2 | 4 | 7 | 10 | 7 | 91.9 | 3.62 | 0.78 | 3,24 | 15 | 18 |
| July | 25.065 | 25.041 | 59.9 | 73.5 | 57.7 | 60.6 | .481 | .535 | .036 | .301 | 93 | 64 | 8.2 | 8.3 | 0 | 2 | 0 | 8 | 15 | 66.8 | 2.63 | 1.05 | 29 | 13 | 16 |
| August | 25.068 | 25.038 | 60.3 | 70.8 | 58.1 | 61.3 | .487 | .546 | .039 | .216 | 93 | 72 | 8.4 | 8.5 | 0 | 3 | 2 | 11 | 15 | 165.6 | 6.52 | 1.12 | 3 | 24 | 27 |
| September | 25.053 | 25.012 | 60.9 | 72.0 | 58.6 | 61.9 | .496 | .558 | .044 | .233 | 92 | 71 | 8.3 | 8.4 | 0 | 2 | 3 | 17 | 8 | 183.4 | 7.22 | 1.02 | 15 | 21 | 28 |
| October | 25.030 | 24.985 | 61.3 | 71.6 | 58.6 | 62.4 | .496 | .567 | .050 | .213 | 91 | 73 | 7.0 | 8.5 | 0 | 3 | 9 | 13 | 6 | 254.8 | 10.03 | 1.60 | 20 | 23 | 30 |
| November | 25.024 | 24.978 | 62.3 | 72.2 | 59.2 | 63.0 | .508 | .579 | .056 | .215 | 90 | 73 | 6.9 | 8.1 | 0 | 4 | 8 | 10 | 8 | 119.4 | 4.70 | 1.27 | 8 | 14 | 18 |
| December | 25.009 | 24.976 | 58.5 | 75.3 | 55.4 | 61.3 | .443 | .546 | .050 | .340 | 89 | 62 | 6.8 | 7.6 | 0 | 4 | 10 | 12 | 5 | 76.7 | 3.02 | 0.77 | 2 | 15 | 18 |
| Year | 25.039 | 25.000 | 60.6 | 74.6 | 57.5 | 60.5 | .479 | .534 | .054 | .336 | 90 | 63 | 7.1 | 8.0 | 3 | 60 | 69 | 126 | 107 | 1426.0 | 56.14 | 1.60 | Oct. 20 | 190 | 237 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0.0 | 3.8 | 86.0 | 26,27 | 49.0 | 10,18 | 81.5 | 52.4 | 66.9 | 35.4 | 21.0 | 29.1 | 1 | 24 | 6 |
| February | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 0 | 0 | 0.0 | 4.5 | 89.0 | 24 | 50.0 | 13,15 | 84.5 | 54.5 | 69.5 | 36.0 | 21.3 | 30.0 | 0 | 6 | 22 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0.0 | 2.0 | 89.0 | 2 | 50.0 | 23 | 82.1 | 54.6 | 68.3 | 38.0 | 16.0 | 27.5 | 0 | 9 | 22 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0.0 | 1.3 | 84.0 | 1 | 53.5 | 10 | 76.1 | 58.7 | 67.4 | 28.9 | 7.6 | 17.4 | 3 | 5 | 22 |
| May | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 29 | 2 | 0 | 0 | 1.3 | 1.8 | 82.0 | 10,11 | 51.0 | 22,24 | 76.8 | 55.9 | 66.3 | 27.0 | 13.7 | 20.9 | 2 | 3 | 26 |
| June | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 0 | 0.2 | 5.1 | 79.0 | often | 51.0 | 27,28 | 76.1 | 55.1 | 65.6 | 28.0 | 14.0 | 21.1 | 1 | 8 | 21 |
| July | 0 | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 26 | 5 | 0 | 0 | 0.4 | 5.1 | 80.0 | 21,23 | 50.0 | 20 | 75.7 | 55.6 | 65.7 | 26.0 | 8.0 | 20.0 | 1 | 19 | 11 |
| August | 0 | 0 | 13 | 0 | 0 | 0 | 8 | 0 | 10 | 21 | 0 | 0 | 1.8 | 4.0 | 80.0 | 26,28 | 49.2 | 26 | 73.9 | 56.0 | 64.9 | 30.8 | 9.1 | 17.9 | 0 | 12 | 19 |
| September | 0 | 0 | 7 | 0 | 0 | 0 | 2 | 0 | 21 | 9 | 0 | 0 | 0.9 | 4.9 | 81.0 | 29 | 51.0 | 20 | 75.3 | 55.7 | 65.5 | 27.0 | 10.1 | 19.6 | 0 | 2 | 28 |
| October | 0 | 0 | 6 | 0 | 0 | 0 | 2 | 0 | 23 | 8 | 0 | 0 | 0.7 | 4.7 | 78.5 | 11 | 50.0 | 16 | 75.4 | 54.5 | 64.9 | 27.0 | 15.0 | 20.9 | 2 | 2 | 27 |
| November | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 | 19 | 11 | 0 | 0 | 1.3 | 3.1 | 81.0 | 15,30 | 51.0 | 21 | 76.3 | 55.0 | 65.7 | 29.9 | 13.5 | 21.3 | 3 | 2 | 25 |
| December | 0 | 0 | 4 | 0 | 1 | 0 | 1 | 0 | 25 | 6 | 0 | 0 | 0.4 | 4.9 | 80.0 | often | 48.0 | 20 | 77.7 | 53.1 | 65.4 | 30.0 | 19.0 | 24.6 | 2 | 9 | 20 |
| Year | 0 | 0 | 46 | 0 | 3 | 0 | 16 | 0 | 300 | 65 | 0 | 0 | 0.6 | 3.8 | 89.0 | Feb24 Mar 2 | 48.0 | Dec. 20 | 77.6 | 55.1 | 66.3 | 38.0 | 7.6 | 22.9 | 15 | 101 | 249 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT GULU 2ND ORDER STATION 1946.

Lat.: 2° 45'N Long.: 32° 20'E Alt.: 3650 feet Standard Time 3h 00m East Reference Number 87.32/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total. | | Max.Fall | | Thun | |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 26.296 | 26.205 | 70.6 | 90.0 | 55.9 | 49.5 | .452 | .354 | .301 | 1.066 | 60 | 25 | 3.3 | 3.8 | 1 | 22 | 3 | 5 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | 26.276 | 26.190 | 72.7 | 92.1 | 55.4 | 49.6 | .443 | .357 | .366 | 1.164 | 55 | 23 | 3.3 | 3.9 | 0 | 19 | 6 | 3 | 0 | 0.5 | 0.02 | 0 02 | 25 | 1 | 0 |
| March | 26.285 | 26.208 | 72.0 | 88.1 | 60.3 | 55.4 | .526 | .443 | .265 | .901 | 66 | 33 | 4.2 | 5.6 | 0 | 15 | 8 | 8 | 0 | 23.9 | 0.94 | 0.66 | 7 | 8 | 9 |
| April | 26.308 | 26.249 | 69.6 | 80.6 | 65.1 | 64.4 | .626 | .611 | .103 | .443 | 85 | 58 | 7.3 | 7.5 | 0 | 3 | 7 | 15 | 5 | 197.4 | 7.77 | 1.40 | 10 | 22 | 27 |
| May | 26.341 | 26.285 | 69.1 | 80.3 | 65.5 | 65.5 | .632 | .635 | .086 | .407 | 88 | 61 | 6.0 | 7.1 | 0 | 9 | 7 | 12 | 3 | 157.7 | 6.21 | 0.96 | 28 | 19 | 31 |
| June | 26.385 | 26.338 | 67.1 | 76.5 | 64.4 | 65.1 | .611 | .626 | .059 | .292 | 91 | 68 | 7.8 | 8.2 | 0 | 2 | 3 | 24 | 1 | 134.9 | 5.31 | 1.17 | 19 | 22 | 27 |
| July | 26.358 | 26.314 | 66.3 | 77.1 | 64.4 | 64.9 | .611 | .620 | .042 | .322 | 94 | 66 | 7.7 | 8.6 | 0 | 3 | 6 | 14 | 8 | 193.8 | 7.63 | 2.41 | 22 | 19 | 22 |
| August | 26.367 | 26.314 | 65 3 | 75.4 | 63.5 | 64.6 | .591 | .614 | .038 | .272 | 94 | 69 | 8.9 | 9.0 | 0 | 1 | 1 | 16 | 13 | 315 5 | 12.42 | 2.55 | 20 | 24 | 23 |
| September | 26.347 | 26.276 | 68.5 | 78.9 | 64 4 | 64.9 | .608 | .620 | .095 | .378 | 87 | 62 | 6.6 | 7.7 | 0 | 7 | 5 | 14 | 4 | 194.1 | 7.64 | 1.47 | 2 | 16 | 21 |
| October | 26.314 | 26.231 | 69.1 | 81.3 | 65.1 | 64.2 | .626 | .605 | .092 | .473 | 87 | 56 | 7.0 | 7.5 | 0 | 2 | 3 | 18 | 2 | 108.7 | 4.28 | 0.76 | 7 | 16 | 20 |
| November | 26.296 | 26.211 | 69.2 | 82.8 | 64.0 | 62.4 | .602 | .567 | .119 | .564 | 84 | 50 | 6.9 | 7.4 | 0 | 5 | 6 | 17 | 2 | 108.5 | 4.27 | 1.05 | 8 | 12 | 16 |
| December | 26.285 | 26.211 | 68.9 | 85.9 | 61.2 | 57.0 | .543 | .470 | .169 | .776 | 76 | 38 | 4.1 | 6.2 | 1 | 14 | 7 | 8 | 1 | 22.4 | 0.88 | 0.38 | 3 | 5 | 6 |
| Year | 26.321 | 26.253 | 69.0 | 82.4 | 62.4 | 60.6 | .573 | .543 | .145 | .588 | 81 | 51 | 6.1 | 6.9 | 2 | 102 | 68 | 154 | 39 | 1457.4 | 57.37 | 2.55 | Aug. 20 | 164 | 202 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 1 | 9 | 8 | 4 | 3 | 3 | 2 | 0 | 27 | 4 | 0 | 7.4 | 12 5 | 96.2 | 28 | 54.9 | 23 | 91.7 | 61.7 | 76.7 | 38.0 | 22.7 | 30.0 | 0 | 4 | 27 |
| February | 0 | 0 | 4 | 5 | 3 | 4 | 2 | 10 | 0 | 26 | 2 | 0 | 6.9 | 10.1 | 97 7 | 24 | 56.0 | 1 | 94.2 | 62.8 | 78.5 | 39.4 | 20 0 | 31.4 | 0 | 2 | 26 |
| March | 2 | 3 | 3 | 10 | 3 | 5 | 3 | 2 | 0 | 27 | 4 | 0 | 7.8 | 10.5 | 97.5 | 24 | 54.0 | 3 | 91.0 | 64 3 | 77.7 | 37.9 | 14.8 | 26.6 | 0 | 4 | 27 |
| April | 1 | 1 | 2 | 15 | 8 | 1 | 1 | 1 | 0 | 28 | 2 | 0 | 8.3 | 9 4 | 95.0 | 1 | 63.0 | 29 | 83.3 | 65.4 | 74.3 | 28.0 | 5.2 | 18.0 | 0 | 0 | 30 |
| May | 0 | 0 | 1 | 15 | 10 | 2 | 0 | 3 | 0 | 30 | 1 | 0 | 8.3 | 8.7 | 85.4 | 5 | 59 9 | 1 | 82.0 | 63.5 | 72.7 | 22.9 | 11.0 | 18.5 | 0 | 0 | 31 |
| June | 5 | 2 | 3 | 13 | 2 | 2 | 1 | 2 | 0 | 30 | 0 | 0 | 6 5 | 8.5 | 82 3 | 5 | 59.8 | 15 | 79.2 | 62.5 | 70.9 | 20.8 | 9.4 | 16.7 | 0 | 0 | 30 |
| July | 7 | 2 | 7 | 9 | 0 | 0 | 1 | 5 | 0 | 30 | 1 | 0 | 6.9 | 9.2 | 82.9 | 20 | 58.8 | 2 | 79.0 | 62.2 | 70.6 | 23.2 | 4.9 | 16.9 | 0 | 0 | 31 |
| August | 4 | 4 | 2 | 12 | 2 | 1 | 1 | 5 | 0 | 29 | 2 | 0 | 7.6 | 10 5 | 82.3 | 26 | 59.1 | 8 | 78.2 | 62.1 | 70.1 | 20 7 | 10.4 | 16.1 | 0 | 1 | 30 |
| September | 6 | 4 | 6 | 9 | 0 | 1 | 2 | 2 | 0 | 27 | 3 | 0 | 8.3 | 10.3 | 84.7 | 28 | 58.4 | 9 | 81.3 | 61.7 | 71.5 | 24.6 | 14.7 | 19.6 | 1 | 0 | 29 |
| October | 7 | 1 | 0 | 6 | 1 | 4 | 2 | 10 | 0 | 28 | 3 | 0 | 7.8 | 9.8 | 85.1 | 11 | 59.8 | 30 | 82.9 | 62.4 | 72.7 | 24.8 | 16.2 | 20.6 | 0 | 0 | 31 |
| November | 3 | 4 | 3 | 7 | 3 | 2 | 1 | 7 | 0 | 28 | 2 | 0 | 7.2 | 9.6 | 88.0 | 19 | 58.9 | 18 | 84.5 | 62.3 | 73.4 | 28.1 | 13.4 | 22.2 | 1 | 0 | 29 |
| December | 1 | 0 | 2 | 17 | 2 | 5 | 0 | 4 | 0 | 27 | 4 | 0 | 9.2 | 10.3 | 93.0 | 31 | 54.8 | 19 | 87.7 | 59.6 | 73.6 | 37.0 | 20.1 | 28.1 | 1 | 0 | 30 |
| Year | 37 | 22 | 42 | 126 | 38 | 30 | 17 | 53 | 0 | 337 | 28 | 0 | 7.7 | 9.9 | 97.7 | Feb. 24 | 54.0 | March 3 | 84.6 | 62.5 | 73.6 | 39.4 | 4.9 | 22.1 | 3 | 11 | 351 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT HOIMA, 1946.

Lat.: 1° 26'N  Long.: 31° 22'E  Alt.: 3800 feet  Standard Time 3h 00m East  Reference Number 88.31/02

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 1 3 | 4-6 | 7 9 | 10 | Rainfall Total mm. | Rainfall Total ins | Rainfall Max. Fall in 24hrs. ins | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 70.9 | | 60.3 | | .526 | | .236 | | 69 | | | | | | | | | 8.6 | 0.34 | 0.19 | 23 | 2 | |
| February | | | 73.3 | | 61.3 | | .546 | | .278 | | 66 | | | | | | | | | 7.6 | 0.30 | 0.20 | 9 | 2 | |
| March | | | 73.1 | | 63.7 | | .594 | | .227 | | 72 | | | | | | | | | 34.0 | 1.34 | 0 60 | 10 | 6 | |
| April | | | 69.5 | | 65.8 | | .641 | | .085 | | 88 | | | | | | | | | 204.5 | 8.05 | 2.60 | 26 | 19 | |
| May | | | 69.4 | | 65.1 | | .623 | | .103 | | 86 | | | | | | | | | 42.5 | 5.61 | .87 | 30 | 16 | |
| June | | | 67.4 | | 63.9 | | .597 | | .082 | | 88 | | | | | | | | | 11.3 | 4.38 | 1.07 | 9 | 11 | |
| July | | | 67.0 | | 64.0 | | .602 | | .062 | | 91 | | | | | | | | | 16.8 | 4.60 | 0.73 | 21 | 13 | |
| August | | | 65.9 | | 63.0 | | .579 | | .062 | | 90 | | | | | | | | | 175.8 | 6.92 | 1.09 | 5 | 19 | |
| September | | | 67.3 | | 64.2 | | .605 | | .068 | | 90 | | | | | | | | | 254.8 | 10.03 | 1.29 | 10 | 25 | |
| October | | | 68.3 | | 63.7 | | .594 | | .106 | | 85 | | | | | | | | | 242.6 | 9 55 | 80 | 17 | 21 | |
| November | | | 69.2 | | 63.9 | | .597 | | .124 | | 83 | | | | | | | | | 43.8 | 5.66 | .15 | 5 | 3 | |
| December | | | 69.7 | | 63.9 | | .599 | | .130 | | 82 | | | | | | | | | 57.4 | 2.26 | 0.84 | 11 | 9 | |
| Year | | | 69.3 | | 63.6 | | .592 | | .130 | | 83 | | | | | | | | | 499.7 | 59.04 | 2 60 | Apr 26 | 156 | |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1 3 | 4 7 | >7 | Mean Wind Velocity h 8.30 | Mean Wind Velocity h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max | Range Min | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F° | F | | | |
| January | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| February | 9 | 0 | 9 | 0 | 4 | 1 | 4 | 0 | 0 | 18 | 9 | 0 | 10.1 | | 96.4 | 27 | 58.7 | 9 | 91.1 | 61.9 | 76.5 | 36.4 | 22 5 | 29.2 | | | |
| March | 1 | 0 | 13 | 1 | 2 | 1 | 3 | 0 | 0 | 22 | 9 | 0 | 11.0 | | 98 6 | 24 | 60.0 | 25 | 93.7 | 64.0 | 78.9 | 37.8 | 24 1 | 29.6 | | | |
| April | 4 | 0 | 20 | 0 | 3 | 1 | 2 | 0 | 0 | 21 | 9 | 0 | 10.1 | | 95.3 | 21 | 60.7 | 31 | 90.7 | 63.8 | 77.3 | 33.7 | 1 3 | 26.9 | | | |
| May | 0 | 0 | 23 | | | 0 | 6 | 0 | 0 | 24 | 7 | 0 | 10.3 | | 91.6 | 1 | 61.7 | 24 | 83.7 | 63.7 | 73.7 | 29.1 | 10 9 | 9.9 | | | |
| June | 6 | 0 | 11 | 0 | 6 | 0 | 7 | 0 | 0 | 21 | 9 | 0 | 9.8 | | 85.9 | 1 | 60 0 | 12 | 81 8 | 62.7 | 72 3 | 24.7 | 12 | 9.2 | | | |
| July | 4 | 0 | 13 | 1 | 7 | 0 | 6 | 0 | 0 | 25 | 6 | 0 | 8 3 | | 83.4 | 2 | 56.0 | 18 | 79.9 | 61 | 70.5 | 25 5 | 10 9 | 18.9 | | | |
| August | 10 | 1 | 9 | 1 | 5 | 0 | 5 | 0 | 0 | 29 | 2 | 0 | 6.0 | | 81.9 | 23 | 58.0 | 15,17 | 79.0 | 6 .0 | 70.0 | 23.5 | 9.6 | 8.0 | | | |
| September | | | | | | | | | | | | | | | 83.2 | 25 | 56 5 | 26 | 78.3 | 60 9 | 69.6 | 26.0 | 10.3 | 17.3 | | | |
| October | | | | | | | | | | | | | | | 85.4 | 29 | 58.7 | 3 | 80.8 | 60.8 | 70.8 | 25 1 | 12.5 | 20.0 | | | |
| November | | | | | | | | | | | | | | | 84.7 | 28 | 57 5 | 20 | 82.2 | 60 7 | 7 . 5 | 25 3 | 5 . 1 | 21.5 | | | |
| December | | | | | | | | | | | | | | | 86.2 | 7 | 58 1 | 5 | 82 3 | 6 .3 | 71.8 | 27.1 | 14.9 | 20 9 | | | |
| | | | | | | | | | | | | | | | 90.0 | 30 | 56 5 | 30 | 85.1 | 60.5 | 72.8 | 33 5 | 17.1 | 24 5 | | | |
| Year | | | | | | | | | | | | | | | 98 6 | Feb. 24 | 56 0 | June 8 | 84.1 | 6 9 | 73 0 | 37 8 | 9 6 | 22 2 | | | |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT JINJA 2ND ORDER STATION 1946.

Lat.: 0° 26'N Long.: 33° 12'E Alt.: 3878 feet Standard Time 3h 00m East Reference Number 89.33/01.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 26.119 | 26.057 | 70.3 | 79.6 | 63.1 | 67.8 | .585 | .685 | .162 | .331 | 78 | 67 | 8.0 | 8.2 | 0 | 0 | 1 | 30 | 0 | 13.7 | 0.54 | 0.20 | 18,23 | 4 | 2 |
| February | 26.081 | 26.019 | 71.4 | 86.0 | 62.8 | 61.9 | .576 | .558 | .201 | .694 | 74 | 45 | 7.0 | 8.0 | 0 | 0 | 5 | 23 | 0 | 0.0 | 0.00 | 0.00 | - | 0 | 1 |
| March | 26.107 | 26.048 | 72.3 | 84.1 | 64.6 | 61.0 | .614 | .540 | .186 | .635 | 77 | 46 | 8.0 | 8.1 | 0 | 0 | 3 | 24 | 4 | 35.3 | 1.39 | 0.75 | 8 | 8 | 4 |
| April | 26.113 | 26.063 | 68.9 | 77.0 | 64.4 | 64.8 | .611 | .617 | .101 | .319 | 86 | 66 | 8.8 | 8.6 | 0 | 0 | 2 | 14 | 14 | 234.7 | 9.24 | 1.28 | 11 | 18 | 6 |
| May | 26.119 | 26.066 | 70.8 | 76.6 | 64.6 | 64.9 | .614 | .620 | .148 | .304 | 81 | 67 | 8.6 | 8.5 | 0 | 0 | 3 | 20 | 8 | 284.7 | 11.21 | 1.77 | 29 | 15 | 9 |
| June | 26.143 | 26.087 | 68.9 | 75.6 | 64.8 | 63.9 | .617 | .599 | .095 | .293 | 87 | 67 | 8.5 | 8.8 | 0 | 0 | 1 | 26 | 3 | 55.1 | 2.17 | 1.14 | 8 | 10 | 4 |
| July | 26.116 | 26.066 | 66.9 | 76.2 | 63.9 | 64.8 | .597 | .617 | .067 | .296 | 90 | 68 | 8.2 | 8.5 | 0 | 0 | 2 | 23 | 6 | 72.1 | 2.84 | 0.78 | 14 | 7 | 2 |
| August | 26.113 | 26.066 | 65.8 | 76.1 | 63.0 | 63.3 | .579 | .588 | .062 | .319 | 90 | 65 | 8.7 | 8.9 | 0 | 0 | 2 | 19 | 10 | 71.1 | 2.80 | 0.79 | 10 | 13 | 3 |
| September | 26.107 | 26.063 | 67.3 | 78.1 | 63.9 | 65.1 | .599 | .623 | .074 | .346 | 89 | 64 | 8.5 | 8.3 | 0 | 0 | 0 | 22 | 8 | 100.8 | 3.97 | 1.37 | 23 | 11 | 3 |
| October | 26.116 | 26.048 | 69.4 | 79.5 | 65.1 | 65.5 | .623 | .635 | .103 | .381 | 86 | 63 | 8.2 | 8.1 | 0 | 0 | 2 | 22 | 7 | 103.9 | 4.09 | 0.89 | 6 | 14 | 7 |
| November | 26.116 | 26.054 | 69.9 | 78.5 | 64.4 | 63.0 | .611 | .579 | .127 | .401 | 83 | 59 | 8.3 | 8.8 | 0 | 0 | 3 | 17 | 10 | 81.3 | 3.20 | 1.33 | 25 | 8 | 1 |
| December | 26.116 | 26.054 | 70.7 | 79.1 | 64.8 | 64.9 | .617 | .620 | .142 | .378 | 81 | 62 | 7.9 | 8.3 | 0 | 0 | 3 | 22 | 6 | 96.3 | 3.79 | 1.12 | 9 | 8 | 4 |
| Year | 26.114 | 26.058 | 69.4 | 78.9 | 64.1 | 64.2 | .604 | .607 | .122 | .391 | 83 | 62 | 8.2 | 8.4 | 0 | 0 | 27 | 262 | 76 | 1149.0 | 45.24 | 1.77 | May 29 | 116 | 46 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max Mean | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 2 | 9 | 3 | 2 | 2 | 11 | 2 | 0 | 16 | 15 | 0 | 12.8 | 16.1 | 92.0 | 28 | 60.0 | 7 | 83.9 | 63.3 | 73.6 | 26.3 | 16.7 | 20.6 | 0 | 0 | 31 |
| February | 0 | 1 | 3 | 5 | 6 | 3 | 8 | 2 | 0 | 24 | 4 | 0 | 8.3 | 23.9 | 95.0 | 21 | 61.3 | 8 | 90.6 | 64.7 | 77.7 | 31.0 | 15.0 | 25.9 | 0 | 0 | 28 |
| March | 5 | 0 | 9 | 4 | 3 | 0 | 9 | 1 | 0 | 28 | 3 | 0 | 7.8 | 17.4 | 94.0 | 24 | 63.0 | 10 | 88.0 | 65.9 | 76.9 | 28.3 | 16.2 | 22.1 | 0 | 1 | 30 |
| April | 2 | 1 | 7 | 5 | 3 | 2 | 10 | 0 | 0 | 30 | 0 | 0 | 4.5 | 7.4 | 87.6 | 1 | 62.0 | often | 81.2 | 64.1 | 72.7 | 23.1 | 11.0 | 17.1 | 0 | 0 | 30 |
| May | 3 | 2 | 8 | 3 | 1 | 0 | 3 | 11 | 0 | 31 | 0 | 0 | 5.4 | 7.8 | 82.2 | 8 | 62.0 | 14 | 80.5 | 64.9 | 72.7 | 19.0 | 12.8 | 15.6 | 0 | 0 | 31 |
| June | 5 | 7 | 6 | 3 | 1 | 1 | 5 | 2 | 0 | 30 | 0 | 0 | 5.4 | 7.6 | 81.3 | 18 | 61.0 | 3 | 78.8 | 63.3 | 71.1 | 18.0 | 10.7 | 15.5 | 0 | 0 | 30 |
| July | 7 | 5 | 7 | 0 | 1 | 1 | 6 | 4 | 0 | 31 | 0 | 0 | 6.0 | 10.1 | 82.3 | 20 | 61.0 | 18,22 | 79.5 | 62.6 | 71.1 | 20.0 | 14.3 | 16.9 | 0 | 2 | 29 |
| August | 6 | 3 | 9 | 1 | 2 | 0 | 9 | 1 | 0 | 31 | 0 | 0 | 6.0 | 8.3 | 81.4 | 27 | 61.0 | 7, 9 | 78.4 | 62.4 | 70.4 | 18.7 | 12.0 | 15.9 | 0 | 0 | 31 |
| September | 8 | 0 | 8 | 2 | 6 | 1 | 4 | 1 | 0 | 30 | 0 | 0 | 6.9 | 10.7 | 83.0 | 27,28 | 61.3 | 8 | 80.0 | 62.9 | 71.5 | 19.0 | 14.3 | 17.0 | 0 | 0 | 30 |
| October | 9 | 4 | 5 | 1 | 4 | 0 | 2 | 6 | 0 | 30 | 1 | 0 | 7.6 | 11.0 | 84.0 | 2 | 61.3 | 5 | 81.5 | 63.8 | 72.6 | 19.9 | 15.0 | 17.7 | 0 | 1 | 30 |
| November | 3 | 2 | 10 | 1 | 0 | 1 | 9 | 4 | 0 | 29 | 1 | 0 | 6.7 | 9.6 | 85.0 | often | 62.0 | 9 | 82.0 | 64.1 | 73.1 | 21.6 | 14.4 | 17.9 | 0 | 0 | 30 |
| December | 4 | 2 | 10 | 0 | 5 | 2 | 8 | 0 | 0 | 31 | 0 | 0 | 6.9 | 8.7 | 86.0 | often | 63.0 | often | 83.3 | 64.3 | 73.8 | 23.0 | 14.1 | 19.0 | 0 | 0 | 31 |
| Year | 52 | 29 | 91 | 28 | 34 | 13 | 84 | 34 | 0 | 341 | 24 | 0 | 7.0 | 11.5 | 95.0 | Feb. 21 | 60.0 | Jan. 7 | 82.3 | 63.9 | 73.1 | 31.0 | 10.7 | 18.4 | 0 | 4 | 361 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABALE 2ND ORDER STATION 1946

Lat.: 1° 17'S Long.: 29° 59'E Alt.: 6138 feet Standard Time 3h 00m East Reference Number 91.29/00.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts. 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thun der. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.091 | 24.026 | 51.9 | 72.4 | 50.9 | 54.3 | .375 | .425 | .015 | .375 | 96 | 53 | 8.2 | 7.8 | 0 | 1 | 3 | 19 | 8 | 58.2 | 2.29 | 0.81 | 5 | 12 | 13 |
| February | 24.079 | 23.999 | 52.2 | 75.3 | 50.5 | 52.2 | .369 | .393 | .024 | .493 | 94 | 44 | 7.1 | 8.0 | 0 | 2 | 14 | 10 | 5 | 26.7 | 1.05 | 0.31 | 26 | 10 | 11 |
| March | 24.085 | 24.017 | 53.7 | 72.6 | 52.3 | 55.2 | .396 | .440 | .020 | .369 | 95 | 54 | 7.7 | 8.2 | 1 | 3 | 2 | 20 | 5 | 52.3 | 2.06 | 0.45 | 10 | 13 | 11 |
| April | 24.096 | 24.040 | 56.2 | 68.2 | 55.8 | 59.0 | .449 | .502 | .006 | .192 | 99 | 72 | 9.4 | 8.2 | 0 | 0 | 0 | 15 | 15 | 242.8 | 9.56 | 1.52 | 15 | 23 | 20 |
| May | 24.126 | 24.067 | 56.0 | 69.2 | 54.9 | 57.7 | .434 | .483 | .018 | .240 | 96 | 67 | 8.6 | 8.1 | 0 | 0 | 3 | 16 | 12 | 69.8 | 2.75 | 0.50 | 2 | 18 | 12 |
| June | 24.156 | 24.099 | 52.0 | 70.8 | 50.9 | 54.0 | .375 | .419 | .015 | .343 | 96 | 55 | 6.7 | 7.6 | 2 | 5 | 5 | 9 | 9 | 1.3 | 0.05 | 0.04 | 3 | 2 | 1 |
| July | 24.129 | 24.070 | 51.0 | 71.1 | 49.1 | 51.1 | .351 | .378 | .027 | .390 | 93 | 49 | 6.9 | 7.4 | 0 | 6 | 5 | 10 | 10 | 0.0 | 0.00 | 0.00 | - | 0 | 2 |
| August | 24.126 | 24.070 | 54.0 | 69.6 | 52.2 | 51.6 | .393 | .384 | .026 | .345 | 94 | 53 | 8.4 | 8.6 | 0 | 2 | 4 | 9 | 16 | 14.0 | 0.55 | 0.18 | 7 | 7 | 3 |
| September | 24.111 | 24.034 | 56.1 | 69.7 | 54.7 | 55.0 | .431 | .437 | .026 | .292 | 95 | 60 | 8.3 | 8.2 | 0 | 1 | 4 | 16 | 9 | 135.4 | 5.33 | .95 | 10 | 21 | 12 |
| October | 24.091 | 24.008 | 55.5 | 71.1 | 54.3 | 56.5 | .425 | .461 | .021 | .307 | 95 | 60 | 8.3 | 8.0 | 0 | 0 | 7 | 13 | 11 | 92.4 | 3.64 | .15 | 6 | 23 | 16 |
| November | 24.082 | 24.002 | 54.8 | 69.7 | 54.0 | 57.0 | .419 | .470 | .015 | .259 | 96 | 64 | 8.8 | 8.3 | 0 | 0 | 3 | 13 | 14 | 160.0 | 6.30 | 2.00 | 8 | 20 | 16 |
| December | 24.079 | 24.008 | 53.3 | 70.5 | 52.5 | 56.5 | .399 | .461 | .009 | .292 | 97 | 61 | 8.6 | 8.1 | 0 | 2 | 2 | 14 | 13 | 98.8 | 3.89 | .10 | 8 | 14 | 9 |
| Year | 24.104 | 24.037 | 53.9 | 70.9 | 52.7 | 55.0 | .401 | .438 | .019 | .325 | .95 | 58 | 8.1 | 8.0 | 3 | 22 | 49 | 164 | 127 | 951.7 | 37.47 | 2.00 | Nov. 8 | 163 | 126 |

@ At station level: corrected for temperature and to standard gravity

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 m.p.h. | h 14.30 m.p.h. | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 3 | 3 | 0 | 3 | 0 | 14 | 8 | 0 | 31 | 0 | 0 | 3.1 | 7.2 | 78.8 | 27 | 43.4 | 1 | 75.4 | 48.9 | 62.1 | 33.6 | 17.1 | 26.5 | 12 | 2 | 7 |
| February | 1 | 1 | 2 | 2 | 5 | 4 | 7 | 6 | 0 | 28 | 0 | 0 | 2.5 | 10.3 | 84.2 | 24 | 44.6 | . | 78.5 | 48.2 | 63.3 | 36.4 | 19.8 | 30.2 | 3 | 10 | 15 |
| March | 1 | 2 | 8 | 0 | 2 | 0 | 12 | 6 | 0 | 31 | 0 | 0 | 2.5 | 8.3 | 81.0 | 12,24 | 40.9 | 11 | 76.0 | 49.8 | 62.9 | 38.0 | 14.9 | 26.2 | 7 | 5 | 18 |
| April | 2 | 3 | 4 | 1 | 1 | 3 | 11 | 5 | 0 | 30 | 0 | 0 | 2.5 | 7.6 | 77.0 | 14 | 49.4 | 1,11 | 72.4 | 52.8 | 62.6 | 24.2 | 13.2 | 19.6 | 11 | 9 | 10 |
| May | 2 | 1 | 7 | 3 | 6 | 1 | 9 | 2 | 0 | 30 | 1 | 0 | 3.4 | 8.7 | 76.0 | 11 | 46.8 | 26 | 72.2 | 52.2 | 62.2 | 25.1 | 13.1 | 20.0 | 16 | 5 | 9 |
| June | 0 | 3 | 3 | 1 | 10 | 5 | 5 | 3 | 0 | 30 | 0 | 0 | 3.1 | 10.7 | 77.0 | 30 | 42.1 | 20 | 72.7 | 48.4 | 60.5 | 31.9 | 11.8 | 24.2 | 8 | 1 | 21 |
| July | 2 | 0 | 5 | 3 | 1 | 8 | 9 | 3 | 0 | 31 | 0 | 0 | 4.5 | 11.0 | 77.3 | 21 | 43.0 | 17 | 73.7 | 47.7 | 60.7 | 33.1 | 16.2 | 26.0 | 9 | 13 | 9 |
| August | 2 | 3 | 2 | 4 | 3 | 4 | 12 | 1 | 0 | 31 | 0 | 0 | 5.1 | 9.6 | 79.0 | 27,28 | 43.9 | 26 | 72.7 | 50.3 | 61.5 | 35.0 | 13.7 | 22.5 | 7 | 14 | 0 |
| September | 2 | 4 | 4 | 0 | 8 | 4 | 7 | 1 | 0 | 30 | 0 | 0 | 5.1 | 10.1 | 80.8 | 3 | 44.9 | 1 | 73.0 | 52.1 | 62.9 | 30.8 | 13.6 | 21.4 | 6 | 4 | 20 |
| October | 1 | 5 | 5 | 2 | 8 | 5 | 5 | 0 | 0 | 31 | 0 | 0 | 5.6 | 9.2 | 78.3 | 7 | 45.1 | 23 | 74.3 | 50 | 62.2 | 30.2 | 15.7 | 24.2 | 12 | 1 | 18 |
| November | 1 | 3 | 3 | 3 | 7 | 6 | 6 | 1 | 0 | 30 | 0 | 0 | 5.4 | 9.2 | 76.7 | 7 | 46.9 | 30 | 73.1 | 50.9 | 62.0 | 28.4 | 15.4 | 22.1 | 14 | 1 | 15 |
| December | 3 | 5 | 2 | 1 | 5 | 3 | 10 | 2 | 0 | 31 | 0 | 0 | 5.6 | 8.3 | 77.5 | 19 | 45.2 | 31 | 73.5 | 49.1 | 61.3 | 31.8 | 16.0 | 24.4 | 9 | 1 | 2 |
| Year | 17 | 33 | 48 | 20 | 59 | 43 | 107 | 38 | 0 | 364 | 1 | 0 | 4.0 | 9.2 | 84.2 | Feb. 24 | 40.9 | March 11 | 74.0 | 50.0 | 62.0 | 38.0 | 11.8 | 23.9 | 114 | 78 | 173 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KOLOLO HILL, KAMPALA 1946.

Lat.: 0° 20'N  Long.: 32° 36'E  Alt.: 4304 feet  Standard Time 3h 00m East  Reference Number 89.32/10

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. ins. | Date | Rain | Thunder |
| | ins | ins | F | F | F | F | ins. | ins. | ins | ins. | % | % | | | | | | | | | | | | | |
| January | 25.685 | 25.608 | 70.0 | 83.0 | 61.2 | 60.. | .543 | .523 | .195 | .643 | 74 | 45 | 6.1 | 6.7 | 0 | 6 | 11 | 10 | 4 | 3.5 | 0.53 | 0 42 | 21 | 3 | 13 |
| February | 25.667 | 25 594 | 72 | 85.0 | 6 .3 | 59.0 | .546 | .502 | .248 | .709 | 69 | 41 | 5.8 | 6.2 | 1 | 7 | 9 | 9 | 2 | 9.4 | 0.37 | 0.37 | 10 | 1 | 8 |
| March | 25.682 | 25.605 | 69.9 | 81.0 | 63.5 | 60.4 | .591 | .529 | .147 | .537 | 80 | 50 | 7.2 | 6.8 | 0 | 5 | 4 | 17 | 5 | 52.8 | 2.08 | 0.48 | 17 | 2 | 18 |
| April | 25.703 | 25.644 | 67.1 | 75.9 | 63.9 | 64.4 | .599 | .608 | .071 | .296 | 89 | 67 | 8.9 | 8 6 | 0 | 0 | 3 | 11 | 16 | 259.3 | 10.21 | 2 .8 | 14 | 9 | 23 |
| May | 25 74 | 25 682 | 66.7 | 75 0 | 64.4 | 65.5 | .608 | 635 | .053 | 242 | 92 | 72 | 8.4 | 7 9 | 0 | 0 | 4 | 21 | 6 | 26.2 | 4.97 | 69 | 8 | 5 | 23 |
| June | 25.777 | 25 732 | 65.9 | 73.0 | 61 .9 | 62.8 | .558 | .576 | .083 | .245 | 87 | 70 | 8.8 | 8.2 | 0 | 0 | 2 | 22 | 6 | 40.9 | .61 | 0.47 | 13 | 0 | 22 |
| July | 25 744 | 25.697 | 64.7 | 75.5 | 62.. | 63.. | .56 | .582 | .056 | .30 | 9. | 65 | 8.8 | 8.8 | 0 | 0 | 3 | 17 | .. | 57.. | 2.25 | .68 | 4 | 10 | 24 |
| August | 25.753 | 25 697 | 64.0 | 71.3 | 62.2 | 62.4 | 564 | .570 | .038 | .20 | 94 | 74 | 8.8 | 8.8 | 0 | 0 | 1 | 20 | 10 | 66.8 | 2.63 | 0.53 | 4 | 19 | 24 |
| September | 25.742 | 25.653 | 66. | 74.5 | 63.1 | 63.7 | .582 | .594 | .062 | .265 | 90 | 69 | 8.0 | 8.4 | 0 | 1 | 4 | 22 | 3 | 132.8 | 5.23 | 1..5 | 10 | 19 | 25 |
| October | 25 700 | 25.614 | 67.2 | 74.4 | 62.8 | 62.6 | .576 | .573 | .097 | 286 | 85 | 67 | 7.7 | 8.3 | 0 | 1 | 5 | 24 | 1 | 108.5 | 4.27 | 0.85 | 20 | 22 | 29 |
| November | 25.691 | 25.603 | 67.3 | 77.0 | 62.2 | 63.0 | .564 | .579 | .109 | .357 | 84 | 62 | 8.8 | 8.4 | 0 | 0 | 2 | 23 | 5 | 156.0 | 6.14 | 2.43 | 25 | 13 | 23 |
| December | 25.685 | 25.611 | 67.5 | 78.8 | 62.4 | 63.0 | .570 | .579 | .109 | .413 | 84 | 58 | 7.7 | 7.0 | 0 | 1 | 8 | 17 | 5 | 71.9 | 2.83 | 0.60 | 4 | 11 | 19 |
| Year | 25.714 | 25.645 | 67.4 | 77.0 | 62.6 | 62.5 | .572 | .571 | .106 | .375 | 85 | 62 | 7.9 | 7.8 | 1 | 21 | 56 | 213 | 74 | 1095.2 | 43.12 | 2.43 | Nov. 25 | 154 | 251 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 1 | 7 | 6 | 6 | 5 | 4 | 2 | 0 | 29 | 2 | 0 | 7.4 | 14.3 | 90.1 | 28 | 60.5 | 22 | 86.0 | 65.4 | 75.7 | 26.4 | 13.2 | 20.6 | 0 | 3 | 28 |
| February | 1 | 1 | 4 | 9 | 4 | 5 | 0 | 3 | 1 | 24 | 3 | 0 | 7.8 | 16.1 | 95.0 | 24 | 63.3 | 14 | 88.5 | 66.7 | 77.6 | 26.3 | 14.6 | 21.8 | 0 | 2 | 26 |
| March | 0 | 1 | 3 | 8 | 7 | 4 | 3 | 4 | 1 | 27 | 3 | 0 | 8.1 | 14.8 | 92.0 | 24 | 61.8 | 18 | 85.8 | 65.2 | 75.5 | 27.8 | 15.3 | 20.6 | 0 | 2 | 29 |
| April | 2 | 0 | 1 | 6 | 10 | 5 | 5 | 1 | 0 | 26 | 4 | 0 | 7.6 | 12.5 | 87.2 | 1 | 59.5 | 25 | 79.3 | 63.2 | 71.3 | 19.9 | 9.0 | 16.1 | 0 | 1 | 29 |
| May | 1 | 3 | 2 | 5 | 11 | 6 | 1 | 1 | 1 | 24 | 6 | 0 | 8.7 | 14.3 | 80.2 | 4 | 60.5 | 31 | 77.7 | 63.5 | 70.6 | 16.8 | 6.8 | 14.2 | 3 | 0 | 26 |
| June | 11 | 1 | 3 | 3 | 5 | 2 | 2 | 3 | 0 | 23 | 7 | 0 | 8.5 | 12.5 | 80.2 | 7 | 59.0 | 14 | 76.6 | 62.3 | 69.5 | 18.6 | 8.6 | 14.3 | 1 | 0 | 29 |
| July | 14 | 6 | 3 | 3 | 1 | 0 | 1 | 1 | 0 | 24 | 7 | 0 | 8.5 | 10.3 | 83.0 | 17 | 60.0 | 31 | 78.3 | 61.8 | 70.1 | 22.3 | 10.2 | 16.5 | 5 | 6 | 20 |
| August | 17 | 8 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 27 | 4 | 0 | 8.3 | 13.0 | 82.7 | 27 | 59.2 | 13 | 76.1 | 61.2 | 68.7 | 21.7 | 7.1 | 14.9 | 4 | 3 | 24 |
| September | 11 | 7 | 1 | 0 | 3 | 1 | 0 | 7 | 0 | 20 | 10 | 0 | 10.1 | 13.0 | 82.3 | 29 | 59.5 | 3 | 79.0 | 61.7 | 70.3 | 21.7 | 10.3 | 17.3 | 0 | 4 | 26 |
| October | 15 | 7 | 0 | 1 | 1 | 1 | 0 | 6 | 0 | 18 | 13 | 0 | 10.1 | 12.6 | 85.0 | 6 | 56.0 | 13 | 80.9 | 61.9 | 71.4 | 23.1 | 13.7 | 18.9 | 1 | 0 | 30 |
| November | 5 | 2 | 4 | 2 | 3 | 4 | 3 | 6 | 1 | 22 | 7 | 0 | 7.6 | 10.1 | 87.8 | 18 | 60.3 | 4 | 80.9 | 63.0 | 71.9 | 23.8 | 13.2 | 18.0 | 3 | 1 | 26 |
| December | 2 | 2 | 1 | 5 | 4 | 5 | 6 | 4 | 2 | 27 | 2 | 0 | 6.3 | 13.4 | 85.5 | 26,31 | 59.5 | 5 | 81.4 | 63.6 | 72.5 | 22.2 | 13.5 | 17.7 | 1 | 1 | 29 |
| Year | 79 | 41 | 32 | 50 | 55 | 38 | 26 | 38 | 6 | 291 | 68 | 0 | 8.3 | 13.1 | 95.0 | Feb. 24 | 56.0 | Oct. 13 | 80.9 | 63.3 | 72.1 | 27.8 | 6.8 | 17.6 | 18 | 23 | 324 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KAWANDA, 1946.

Lat.: 0° 25'N  Long.: 32° 32'E  Alt.: 3924 feet  Standard Time 3h 00m East  Reference Number 89.32/52

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | | | 66.4 | 83.7 | 62.6 | 59.5 | .573 | .514 | .080 | .650 | 88 | 44 | 6.1 | 6.8 | 0 | 8 | 10 | 4 | 9 | 28.7 | 1.13 | 0.89 | 31 | 6 | 17 |
| February | | | 67.1 | 86.2 | 62.1 | 57.2 | .561 | .473 | .109 | .788 | 84 | 37 | 5.2 | 5.8 | 0 | 7 | 14 | 3 | 4 | 2.3 | 0.09 | 0.04 | 10 | 3 | 12 |
| March | | | 68.5 | 82.6 | 64.6 | 60.6 | .614 | .535 | .089 | .587 | 87 | 48 | 7.0 | 7.0 | 0 | 7 | 7 | 6 | 11 | 79.5 | 3.13 | 2.02 | 17 | 11 | 22 |
| April | | | 67.0 | 77.0 | 64.9 | 65.3 | .620 | .629 | .044 | .307 | 93 | 67 | 9.1 | 8.7 | 0 | 0 | 5 | 1 | 24 | 46.0 | 5.75 | 1.36 | 1 | 18 | 29 |
| May | | | 67.5 | 77.5 | 65.5 | 66.0 | .632 | .647 | .047 | .307 | 93 | 68 | 9.0 | 7.8 | 0 | 0 | 4 | 8 | 19 | 5.4 | 5.96 | 1.07 | 6 | 15 | 31 |
| June | | | 64.9 | 74.7 | 63.1 | 64.0 | .582 | .602 | .038 | .263 | 94 | 70 | 8.9 | 8.2 | 0 | 0 | 4 | 10 | 16 | 44.7 | 1.76 | 0.63 | 15 | 15 | 27 |
| July | | | 65.0 | 76.2 | 62 8 | 63.7 | .576 | .594 | .044 | .319 | 93 | 65 | 8.3 | 8.3 | 0 | 2 | 6 | 9 | 14 | 55.9 | 2.20 | 1.12 | 28 | 9 | 28 |
| August | | | 64.7 | 72.9 | 63.1 | 63.9 | .585 | .597 | .032 | .218 | 95 | 73 | 9.0 | 8.7 | 0 | 0 | 5 | 7 | 19 | 13.6 | 5.18 | 1.08 | 1 | 13 | 29 |
| September | | | 66.6 | 76.0 | 63.9 | 64.4 | .599 | .608 | .060 | .296 | 91 | 67 | 7.3 | 7.8 | 0 | 1 | 10 | 12 | 7 | 80.8 | 3.18 | 0.54 | 19 | 15 | 29 |
| October | | | 67.6 | 76.3 | 64.2 | 64.2 | .605 | .605 | .076 | .308 | 89 | 66 | 7.2 | 8.1 | 0 | 0 | 14 | 11 | 6 | 53.4 | 6.04 | 1.28 | 8 | 20 | 30 |
| November | | | 67.1 | 77.7 | 64.2 | 64.6 | .605 | .614 | .065 | .343 | 90 | 65 | 8.5 | 8.0 | 0 | 0 | 6 | 9 | 15 | 96.5 | 3.80 | 1.07 | 8 | 15 | 23 |
| December | | | 65.8 | 80.1 | 64.0 | 63.5 | .602 | .591 | .039 | .443 | 94 | 57 | 7.6 | 7.0 | 0 | 3 | 8 | 7 | 13 | 55.9 | 2.20 | 0.76 | 7 | 10 | 27 |
| Year | | | 66.5 | 78.4 | 63.7 | 63.1 | .596 | .584 | .060 | .402 | 91 | 61 | 7.8 | 7.7 | 0 | 28 | 93 | 87 | 157 | 1026.7 | 40.42 | 2.02 | Mar. 17 | 150 | 304 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max. + Min. | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 0 | 1 | 0 | 7 | 1 | 4 | 6 | 12 | 0 | 31 | 0 | 0 | 4.5 | 15.0 | 91.2 | 25 | 56.0 | 16 | 87.5 | 59.4 | 73.5 | 34.2 | 20.3 | 28.0 | 0 | 14 | 17 |
| February | 1 | 1 | 1 | 6 | 1 | 6 | 3 | 9 | 0 | 28 | 0 | 0 | 3.4 | 13.0 | 96.0 | 24 | 54.0 | 14 | 89.3 | 59.1 | 74.2 | 38.0 | 22 0 | 30.2 | 0 | 6 | 22 |
| March | 0 | 2 | 0 | 3 | 0 | 10 | 4 | 12 | 0 | 30 | 1 | 0 | 4.5 | 16.1 | 91.3 | 14 | 59.5 | 3 | 86.1 | 62.2 | 74.1 | 30.0 | 16.0 | 23.9 | 0 | 3 | 28 |
| April | 1 | 3 | 1 | 3 | 2 | 10 | 3 | 7 | 0 | 29 | 1 | 0 | 4.0 | 13.0 | 88.0 | 1 | 59.8 | 23 | 80.3 | 62.8 | 71.5 | 23.8 | 12.2 | 17.6 | 0 | 1 | 29 |
| May | 1 | 0 | 3 | 4 | 2 | 15 | 3 | 3 | 0 | 31 | 0 | 0 | 5.6 | 13.4 | 81.8 | 13 | 57.0 | 30 | 79.2 | 61.6 | 70.4 | 22.4 | 12.2 | 17.6 | 1 | 2 | 26 |
| June | 1 | 7 | 2 | 6 | 1 | 2 | 5 | 6 | 0 | 29 | 1 | 0 | 5.8 | 14.1 | 81.0 | 7 | 54.4 | 16 | 77.7 | 59.8 | 68.7 | 24.2 | 10.6 | 17.9 | 0 | 2 | 28 |
| July | 2 | 12 | 7 | 6 | 0 | 1 | 0 | 3 | 0 | 31 | 0 | 0 | 5.1 | 12.8 | 84.2 | 16 | 54.0 | 22 | 79.1 | 59.1 | 69.1 | 27.4 | 11.0 | 19.9 | 0 | 8 | 23 |
| August | 5 | 10 | 7 | 5 | 0 | 0 | 1 | 3 | 0 | 31 | 0 | 0 | 5.6 | 13.6 | 82.0 | 27 | 54.0 | 27 | 76.8 | 60.3 | 68.5 | 28.0 | 8.9 | 18.5 | 3 | 1 | 27 |
| September | 0 | 8 | 1 | 3 | 0 | 5 | 0 | 13 | 0 | 30 | 0 | 0 | 5.4 | 13.6 | 83.0 | 16 | 55.4 | 20 | 79.6 | 60.2 | 69.9 | 25.0 | 11.3 | 19.3 | 2 | 3 | 25 |
| October | 0 | 12 | 1 | 2 | 0 | 2 | 0 | 14 | 0 | 25 | 6 | 0 | 6.7 | 13.0 | 83.9 | 2,27 | 57.9 | 20 | 81.5 | 60.6 | 71.1 | 24.6 | 15.2 | 20.9 | 0 | 1 | 30 |
| November | 0 | 4 | 0 | 8 | 0 | 7 | 2 | 9 | 0 | 27 | 3 | 0 | 5.4 | 11.4 | 85.9 | 17 | 56.0 | 14,18 | 81.5 | 60.6 | 71.1 | 27.6 | 14.3 | 20.9 | 0 | 7 | 23 |
| December | 3 | 1 | 0 | 3 | 2 | 6 | 8 | 8 | 0 | 31 | 0 | 0 | 4.5 | 13.6 | 86.0 | 29 | 55.2 | 28 | 82.4 | 59.8 | 71.1 | 29.6 | 15.4 | 22.6 | 2 | 1 | 26 |
| Year | 14 | 61 | 23 | 56 | 9 | 66 | 35 | 99 | 0 | 353 | 12 | 0 | 5.2 | 13.5 | 96.0 | Feb. 24 | 54.0 | July 22 Aug. 27 | 81.8 | 60.5 | 71.1 | 38.0 | 8.9 | 21.3 | 8 | 49 | 308 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITGUM 2ND ORDER STATION 1946.

Lat.: 3° 20'N Long.: 32° 53'E Alt.: 3000 feet Standard Time 3h 00m East Reference Number 86.32/00.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | | 75.6 | 94.1 | 57.6 | 57.2 | .478 | .473 | .414 | 1.143 | 54 | 29 | 2.9 | 6.0 | 0 | 22 | 7 | 2 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 1 |
| February | - | - | 78.9 | 96.6 | 57.4 | 58.1 | .475 | .487 | .523 | 1.259 | 48 | 28 | 3.0 | 5.2 | 2 | 18 | 5 | 2 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| March | | | 77.1 | 93.4 | 60.4 | 58.5 | .532 | .493 | .410 | 1.087 | 56 | 31 | 4.7 | 6.5 | 0 | 13 | 8 | 8 | 2 | 18.3 | 0.72 | 0.30 | 14 | 7 | 5 |
| April | | | 74.5 | 85.9 | 67.1 | 65.3 | .670 | .629 | .189 | .617 | 78 | 51 | 7.2 | 8.1 | 0 | 3 | 8 | 12 | 7 | 319.3 | 12.57 | 3.39 | 23 | 21 | 26 |
| May | - | | 72.9 | 83.9 | 67.5 | 67.6 | .679 | .682 | .136 | .487 | 83 | 58 | 6.6 | 7.5 | 0 | 6 | 7 | 12 | 6 | 214.9 | 8.46 | 1.22 | 13 | 23 | 27 |
| June | | | 71.2 | 81.8 | 66.4 | 67.1 | .653 | .667 | .118 | .432 | 85 | 61 | 6.7 | 7.7 | 0 | 2 | 11 | 14 | 3 | 206.8 | 8.14 | 2.08 | 28 | 21 | 24 |
| July | - | - | 69.7 | 81.4 | 65.7 | 65.5 | .638 | .635 | .091 | .443 | 87 | 59 | 7.3 | 7.5 | 0 | 5 | 2 | 10 | 9 | 188.5 | 7.42 | 2.41 | 29 | 16 | 17 |
| August | | | 69.5 | 80.2 | 65.5 | 65.8 | .635 | .641 | .091 | .401 | 87 | 62 | 7.7 | 8.0 | 0 | 1 | 6 | 19 | 5 | 464.8 | 18.30 | 4.24 | 6 | 23 | 26 |
| September | - | | 72.7 | 84.6 | 65.5 | 65.1 | .632 | .623 | .177 | .573 | 78 | 52 | 6.0 | 7.3 | 0 | 6 | 10 | 10 | 4 | 83.1 | 3.27 | 1.03 | 7 | 13 | 24 |
| October | | | 70.1 | 84.7 | 65.5 | 63.5 | .635 | .591 | .109 | .614 | 85 | 49 | 6.3 | 7.5 | 0 | 6 | 7 | 12 | 3 | 83.3 | 3.28 | 1.45 | 13 | 10 | 19 |
| November | | | 68.6 | 87.1 | 63.1 | 60.3 | .582 | .526 | .121 | .770 | 82 | 41 | 6.1 | 8.0 | 0 | 5 | 10 | 12 | 1 | 51.8 | 2.04 | 0.63 | 7 | 10 | 19 |
| December | | | 65.4 | 89.6 | 58.6 | 57.0 | .496 | .470 | .136 | .936 | 79 | 33 | 4.1 | 6.0 | 0 | 14 | 10 | 6 | 1 | 20.8 | 0.82 | 0.52 | 9 | 6 | 12 |
| Year | - | - | 72.2 | 86.9 | 63.4 | 62.6 | .592 | .576 | .210 | .730 | 75 | 46 | 5.7 | 7.1 | 2 | 101 | 91 | 119 | 42 | 1651.6 | 65.02 | 4.24 | Aug. 6 | 150 | 200 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Frequency of Wind Force at 8.30h | | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | 7/7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max | Mean Min | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 6 | 10 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 6.7 | 12.5 | 99.0 | 29 | 63.2 | 21 | 96.1 | 66.5 | 81.3 | 34.2 | 26.0 | 29.5 | 0 | 0 | 31 |
| February | 2 | 5 | 8 | 3 | 0 | 1 | 0 | 2 | 0 | 28 | 0 | 0 | 6.3 | 10.1 | 10.2 | 23 | 59.2 | 28 | 98.6 | 67.1 | 82.9 | 39.2 | 23.8 | 31.5 | 0 | 1 | 27 |
| March | 7 | 6 | 5 | 4 | 4 | 2 | 0 | 3 | 0 | 31 | 0 | 0 | 6.0 | 10.1 | 100.5 | 3 | 54.0 | 1 | 96.0 | 65.7 | 80.9 | 43.4 | 15.8 | 30.3 | 0 | 1 | 30 |
| April | 12 | 7 | 3 | 2 | 1 | 0 | 0 | 5 | 0 | 30 | 0 | 0 | 5.6 | 7.6 | 10.0 | 1 | 63.9 | 30 | 88.6 | 67.2 | 77.9 | 31.2 | 8.0 | 21.3 | 0 | 0 | 30 |
| May | 12 | 5 | 10 | 3 | 0 | 0 | 0 | 1 | 0 | 31 | 0 | 0 | 6.0 | 6.7 | 91.2 | 12 | 62.4 | 23 | 85.7 | 65.1 | 75.4 | 25.2 | 8.6 | 20.6 | 0 | 0 | 31 |
| June | 12 | 2 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 6.3 | 6.9 | 87.4 | 22 | 61.2 | 13,15 | 83.6 | 64.2 | 73.9 | 24.6 | 10.2 | 19.4 | 0 | 0 | 30 |
| July | 10 | 3 | 8 | 3 | 2 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 6.7 | 7.8 | 86.8 | 20 | 60.2 | 4 | 83.8 | 63.1 | 73.5 | 25.6 | 4.0 | 20.7 | 2 | 0 | 24 |
| August | 7 | 4 | 10 | 5 | 1 | 1 | 0 | 3 | 0 | 31 | 0 | 0 | 6.3 | 6.7 | 88.8 | 25 | 60.8 | 10 | 82.1 | 62.9 | 72.5 | 27.8 | 9.8 | 19.2 | 0 | 0 | 31 |
| September | 11 | 2 | 6 | 7 | 2 | 1 | 0 | 1 | 0 | 30 | 0 | 0 | 6.0 | 6.5 | 89.4 | 28 | 56.8 | 27 | 85.7 | 62.5 | 74.1 | 31.8 | 12.0 | 23.2 | 0 | 0 | 30 |
| October | 8 | 3 | 9 | 5 | 0 | 0 | 1 | 2 | 0 | 28 | 0 | 0 | 6.5 | 8.7 | 89.2 | 5 | 56.[illegible] | 3 | 86.7 | 62.6 | 74.6 | 32.6 | 14.0 | 24.0 | 0 | 0 | 28 |
| November | 3 | 4 | 10 | 6 | 0 | 2 | 0 | 3 | 0 | 25 | 3 | 0 | 8.3 | 11.6 | 93.1 | 19 | 54.2 | [illegible] | 89.1 | 60.7 | 74.9 | 36.6 | 17.5 | 28.4 | 0 | 0 | 28 |
| December | 1 | 6 | 14 | 7 | 0 | 0 | 0 | 3 | 0 | 31 | 0 | 0 | 7.6 | 12.1 | 96.4 | 30 | 55.6 | [illegible] | 92.[illegible] | 59.7 | 75.9 | 39.2 | 25.0 | 32.4 | 0 | 0 | 31 |
| Year | 98 | 57 | 107 | 51 | 10 | 8 | 4 | 23 | 0 | 351 | 4 | 0 | 6.5 | 8.9 | 101.2 | Feb. 23 | 54.0 | Mar. 1 Nov. 13 | 89.0 | 63.9 | 76.5 | 43.4 | 8.0 | 25.0 | 2 | 2 | 351 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LIRA 2ND ORDER STATION, 1946

Lat.: 2° 15'N  Long.: 32° 54'E  Alt.: 3700 feet  Standard Time 3h 00m East  Reference Number 87.32/11

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud, Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1 3 | 4 6 | 7 9 | 10 | Total mm | Total ins | Max. Fall in 24hrs ins | Date | Rain | Thunder |
| | ins. | ins. | F | F | F | F | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.317 | 26.220 | 69 3 | 9 .2 | 57.7 | 54 | 48' | 422 | 240 | .055 | 67 | 29 | .8 | 3.1 | 0 | 4 | 7 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | 26.296 | 26.196 | 68.2 | 93.4 | 56 | 53.2 | .455 | .408 | .239 | .172 | 65 | 26 | .4 | 2.9 | 0 | 15 | 3 | 0 | 0 | 0.0 | 0.00 | 0 00 | | 0 | 0 |
| March | 26.317 | 26.220 | 7 .7 | 89 6 | 60.4 | 57 0 | 532 | .470 | .254 | .936 | 68 | 33 | 3.2 | 3.8 | 6 | 6 | 5 | 1 | 3 | 22 | 0 87 | 0 58 | 7 | 5 | 0 |
| April | 26.332 | 26 270 | 7 5 | 82 2 | 66 9 | 64.6 | .664 | .6 4 | 3 | .496 | 86 | 55 | 6.2 | 5.8 | 0 | 6 | 13 | 5 | 6 | 254.0 | 10 00 | 2.92 | 30 | 18 | 1 |
| May | 26.355 | 26.302 | 70 9 | 8 7 | 66.2 | 67 | .630 | .670 | 2 | 420 | 85 | 62 | 4.9 | 5.5 | 0 | 11 | 4 | 5 | | 26 7 | 4 99 | 0.81 | 3 | 21 | 0 |
| June | 26 406 | 26.335 | 68 5 | 79.0 | 65.5 | 66 0 | 632 | 647 | 07 | 35 | 90 | 65 | 6.2 | 6.2 | 0 | 4 | 15 | 8 | 3 | 74 4 | 2 93 | 11 | 11 | 16 | 0 |
| July | 26.373 | 26.323 | 67 5 | 78.8 | 64.9 | 65.8 | 620 | .64 | .059 | .35 | 91 | 65 | 5.5 | 6.5 | 2 | 4 | 16 | 4 | 5 | 213.9 | 8.42 | 2 36 | 5 | 4 | |
| August | 26.382 | 26 323 | 66 9 | 77.5 | 64 0 | 63. | 602 | 623 | 062 | .33 | 91 | 65 | 7.2 | 6.6 | 0 | 5 | 6 | 9 | 11 | 304 3 | .98 | 2 30 | 13 | 22 | 0 |
| September | 26.364 | 26 302 | 69 2 | 81.2 | 65.1 | 65.5 | 626 | .632 | .095 | .440 | 87 | 59 | 4.7 | 5.6 | | 1 | 10 | 6 | 2 | 26 5 | 4.98 | .02 | 14 | 16 | 0 |
| October | 26.34' | 26.252 | 69 4 | 83.3 | 65 3 | 65 | 629 | .623 | .097 | 526 | 87 | 54 | 4.6 | 5 5 | 0 | 9 | 7 | 5 | 0 | 187 5 | 7 38 | .30 | 7 | 4 | 0 |
| November | 26.335 | 26 243 | 69 4 | 83.6 | 63 9 | 60.6 | 599 | .555 | 27 | 629 | 82 | 46 | 5. | 5 | | 8 | 4 | 6 | | 26 5 | 4 98 | .78 | 3 | 2 | 0 |
| December | 26.317 | 26 240 | 67 8 | 85.5 | 63. | 60.4 | .585 | .529 | 00 | .702 | 85 | 43 | 9 | 4.4 | 5 | 9 | 5 | 2 | 0 | 7 4 | 2.8 | 0.85 | 11 | 6 | 0 |
| Year | 26 345 | 26 269 | 69 2 | 83 9 | 63 3 | 62 0 | .590 | .568 | 3 | .6 7 | 82 | 50 | 4.4 | 5 1 | 45 | 72 | 125 | 51 | 32 | 507 3 | 59.34 | 2 92 | April 30 | 144 | 2 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8 30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8 30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1 3 | 4 7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max | Mean Min | ½ Max + Min | Range Max | Range Min | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h | m.p.h | F | | F | | F. | F. | F | F. | F | F | | | |
| January | 0 | 0 | 28 | 0 | 0 | 0 | 3 | 0 | 0 | 30 | 1 | 0 | 5 8 | 10.5 | 97 5 | 29 | 55 0 | 16 | 92 7 | 61 3 | 77.0 | 38 5 | 27 0 | 31.4 | 1 | 10 | 20 |
| February | 0 | 0 | 27 | 0 | 1 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 4 3 | 1 4 | 99.0 | 23 | 56 0 | 14 | 95 6 | 66 9 | 78.7 | 42 0 | 23 0 | 33 7 | 0 | 3 | 25 |
| March | 2 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 6.5 | 7.9 | 98.0 | 3,24 | 56.0 | 2 | 92 9 | 64 3 | 78.6 | 38 0 | 14 0 | 28 6 | 0 | 10 | 21 |
| April | 2 | 0 | 18 | 0 | 0 | 1 | 6 | 2 | | 29 | 0 | 0. | 4 0 | 4.9 | 96.0 | | 62 0 | 25 | 84 7 | 65 9 | 75.3 | 27 5 | 5 0 | 16 7 | 0 | 1 | 29 |
| May | 0 | 1 | 26 | 0 | 1 | 0 | 3 | 0 | 0 | 31 | 0 | 0 | 3.6 | 4.3 | 86 5 | , 2 | 60 5 | | 83 3 | 63 9 | 73.6 | 24 0 | 11 5 | 19 4 | 0 | 2 | 29 |
| June | 0 | 4 | 20 | 0 | 0 | 3 | 2 | 1 | 0 | 30 | 0 | 0 | 3 4 | 4 0 | 85 0 | 28 | 60 0 | 13,18 | 81 0 | 62 7 | 71.9 | 23 0 | 11 0 | 18 4 | 0 | 0 | 30 |
| July | 2 | 2 | 20 | 0 | 0 | 0 | 7 | 0 | 0 | 31 | 0 | 0 | 2 7 | 4 5 | 84 5 | 20 | 59.0 | 9,17 | 80 6 | 62 2 | 71 4 | 24 0 | 8 5 | 8 4 | 0 | 3 | 28 |
| August | 4 | 4 | 5 | | 2 | 0 | 4 | 1 | 0 | 31 | 0 | 0 | 3 4 | 4 5 | 85 0 | 26 | 60 0 | 25 | 79 4 | 62 4 | 70.9 | 23 5 | 6 0 | 17 0 | 0 | 0 | 31 |
| September | 3 | 0 | 18 | 0 | 2 | 0 | 7 | 0 | 0 | 30 | 0 | 0 | 3 6 | 4 7 | 87 0 | 28 | 59 0 | 27 | 82 7 | 67 5 | 72. | 26 0 | 15 0 | 21 2 | | 0 | 30 |
| October | | 4 | | 0 | 1 | 1 | | 2 | 0 | 31 | 0 | 0 | 4 0 | 5 4 | 87 5 | 24 | 59 5 | 18,28 | 84 4 | 6 9 | 73.1 | 27 0 | 16 5 | 22 5 | 0 | 0 | 31 |
| November | 2 | | 4 | 0 | 0 | 0 | 2 | | 0 | 30 | 0 | 0 | 4 5 | 6.9 | 91 5 | 9 | 58 0 | 13,16 | 85 4 | 6 2 | 73.3 | 29 2 | 5 0 | 24 1 | | 2 | 27 |
| December | | 0 | 8 | 0 | 7 | 0 | 5 | 0 | 0 | 31 | 0 | 0 | 3 4 | 6 0 | 9 5 | 26 | 53 1 | 9 | 87 4 | 59 | 73.3 | 36 0 | 21 5 | 28 2 | 0 | 2 | 29 |
| Year | 17 | 6 | 244 | | 14 | 5 | 60 | 7 | 1 | 360 | 4 | 0 | 4 | 7 | 99 0 | Feb 23 | 53 1 | Dec 9 | 85 9 | 62 4 | 74. | 42 0 | 5 0 | 23 5 | 5 | 33 | 329 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MASINDI 2ND ORDER STATION 1946.

Lat.: 1° 41'N Long.: 31° 43'E Alt.: 3760 feet Standard Time 3h 00m East Reference Number 88.31/03

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | Date | Rain | Thunder |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | | | |
| | ins. | ins | F | F | F | F | ins. | ins. | ins | ins. | % | % | | | | | | | | | | | | | |
| January | 26.146 | 26.051 | 7 .. | 87.8 | 58.6 | 57.0 | .496 | .470 | .272 | .856 | 65 | 35 | 7.5 | 7.5 | 0 | 0 | 5 | 11 | 3 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | 26 .43 | 26.057 | 72.5 | 90.0 | 58.5 | 53.6 | .493 | .413 | .313 | .007 | 61 | 29 | 7.1 | 7.7 | 0 | 0 | 7 | 18 | 0 | 9.. | 0.36 | 0.36 | 10 | 1 | 0 |
| March | 26.149 | 26.063 | 72.9 | 86.4 | 61.2 | 58.1 | .543 | .487 | .272 | .863 | 67 | 36 | 6.5 | 7.6 | 0 | 0 | 15 | 14 | 0 | 1.7 | 0.46 | 0.25 | 7 | 3 | 0 |
| April | 26. 78 | 26. 04 | 68.8 | 80.6 | 64.0 | 62.8 | .602 | .576 | .107 | .478 | 85 | 55 | 8.0 | 8.6 | 0 | 0 | 5 | 16 | 7 | 80 8 | 3.18 | 0.53 | 12 | 12 | 4 |
| May | 26.214 | 26.149 | 69.6 | 79.2 | 64.4 | 68.7 | .61.. | .706 | .. 18 | .298 | 84 | 70 | 7.6 | 8.6 | 0 | 0 | 9 | 19 | 2 | 122.7 | 4.83 | 0.91 | 30 | 15 | 3 |
| June | 26.249 | 26.190 | 67.8 | 78.1 | 63.7 | 67.5 | .594 | .679 | .091 | .290 | 87 | 70 | 8.2 | 8.3 | 0 | 0 | 7 | 12 | 10 | 32.8 | 5.23 | 1.39 | 7 | 12 | 2 |
| July | 26.217 | 26.161 | 66.9 | 77.6 | 64.0 | 67.3 | .602 | .673 | .062 | .281 | 91 | 71 | 9.0 | 8.2 | 0 | 0 | 5 | 9 | 17 | 153.2 | 6.03 | 2.58 | 26 | 7 | 5 |
| August | 26.217 | 26.166 | 65.4 | 74.5 | 63.1 | 65.5 | .582 | .635 | .050 | .224 | 92 | 74 | 8.3 | 9.0 | 0 | 0 | 5 | 13 | 9 | 159.0 | 6.26 | 1.76 | 13 | 17 | 6 |
| September | 26.231 | 26.169 | 66.1 | 77.7 | 63.3 | 67.5 | .588 | .676 | .056 | .281 | 90 | 71 | 8.5 | 8.4 | 0 | 1 | 2 | 13 | 10 | 158.2 | 6.23 | 0.91 | 22 | 20 | 0 |
| October | 26.199 | 26.131 | 67.1 | 77.7 | 62.6 | 67.5 | .573 | .676 | .097 | .281 | 85 | 71 | 7.4 | 8.9 | 0 | 0 | 8 | 9 | 5 | 227.6 | 8.96 | 2.40 | 7 | 18 | 0 |
| November | 26.161 | 26.107 | 67.5 | 80 0 | 63.9 | 64.8 | .597 | .617 | .082 | .417 | 88 | 60 | 7.5 | 8.4 | 0 | 5 | 5 | 7 | 13 | 118.6 | 4.67 | 1.28 | 26 | 15 | 0 |
| December | 26.166 | 26.099 | 66.9 | 82.3 | 62.2 | 64.4 | .564 | .608 | .100 | .502 | 85 | 55 | 3.7 | 6.8 | 12 | 5 | 1 | 7 | 4 | 16.5 | 0.65 | 0.23 | 7 | 7 | 0 |
| Year | 26.191 | 26.121 | 68.5 | 81.2 | 62.5 | 63.7 | .570 | .601 | .135 | .481 | 82 | 58 | 7.4 | 8.2 | 12 | 11 | 74 | 148 | 80 | 1190.2 | 46.86 | 2.58 | July 26 | 127 | 20 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + ½ Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 2 | 6 | 2 | 4 | 2 | 3 | 0 | 0 | 0 | 18 | 1 | 0 | 5.6 | 11.0 | 95.5 | 30 | 57.2 | 31 | 91.1 | 61.0 | 76.1 | 35.5 | 22.9 | 28.1 | 0 | 9 | 10 |
| February | 2 | 5 | 0 | 2 | 3 | 2 | 1 | 10 | 0 | 25 | 0 | 0 | 4.5 | 11.2 | 96.7 | 24 | 56.0 | 2 | 93.0 | 59.6 | 76.4 | 40.0 | 20.0 | 33.0 | 0 | 9 | 16 |
| March | 7 | 0 | 4 | 2 | 4 | 5 | 3 | 4 | 0 | 29 | 0 | 0 | 4.9 | 11.2 | 97.0 | 23 | 60.0 | 2 | 91.6 | 65.0 | 78.3 | 31.8 | 16.3 | 26.4 | 0 | 5 | 24 |
| April | 1 | 0 | 4 | 3 | 11 | 3 | 1 | 5 | 0 | 25 | 3 | 0 | 6.3 | 10.5 | 94.0 | 1,13 | 62.0 | 1 | 84.9 | 64.3 | 74.6 | 32 0 | 7.4 | 20.7 | 0 | 2 | 26 |
| May | 4 | 1 | 6 | 6 | 6 | 2 | 0 | 5 | 0 | 28 | 2 | 0 | 4.9 | 10.7 | 85.0 | 4,7,18 | 59.8 | 1 | 82.3 | 63.3 | 72.8 | 23.4 | 11.0 | 19.6 | 0 | 1 | 29 |
| June | 4 | 3 | 4 | 4 | 2 | 5 | 5 | 2 | 0 | 28 | 1 | 0 | 5. | 8.3 | 86.1 | 16 | 56.6 | 18 | 80.1 | 61.6 | 70.9 | 28.1 | 10.1 | 18.7 | 0 | 3 | 26 |
| July | 4 | 0 | 1 | 2 | 4 | 12 | 3 | 5 | 0 | 29 | 2 | 0 | 5.6 | 8.1 | 86.1 | 14 | 58.8 | 25 | 79.4 | 61.3 | 70.3 | 23.6 | 12.0 | 18.2 | 0 | 14 | 17 |
| August | 2 | 0 | 2 | 2 | 5 | 9 | 2 | 5 | 0 | 25 | 2 | 0 | 4.7 | 8.1 | 83.9 | 24 | 58.2 | 6 | 77.9 | 61.2 | 69.5 | 24.4 | 11.1 | 16.5 | 1 | 6 | 20 |
| September | 3 | 1 | 1 | 3 | 0 | 16 | 1 | 1 | 0 | 26 | 0 | 0 | 2.9 | 3.8 | 86.0 | 28 | 58.5 | 24 | 79.8 | 60.9 | 70.3 | 24.6 | 13.0 | 18.8 | 0 | 2 | 24 |
| October | 3 | 0 | 1 | 3 | 1 | 6 | 2 | 6 | 0 | 22 | 0 | 0 | 2.0 | 4.5 | 84.3 | 28 | 58.0 | .4 | 80.7 | 60.8 | 70.7 | 24 3 | 15.2 | 20.0 | 0 | 1 | 21 |
| November | 0 | 0 | 1 | 1 | 1 | 11 | 12 | 4 | 0 | 30 | 0 | 0 | 2.2 | 3.8 | 88.0 | 21 | 58.5 | 15 | 82.5 | 61.5 | 72.0 | 28.0 | 14.0 | 21.1 | 0 | 5 | 25 |
| December | 0 | 0 | 2 | 1 | 3 | 17 | 5 | 1 | 0 | 29 | 0 | 0 | 2.0 | 3.4 | 91.0 | 31 | 57.0 | 19 | 84.5 | 61.3 | 72.9 | 31.0 | 15.5 | 23.0 | 0 | 5 | 24 |
| Year | 32 | 16 | 28 | 33 | 42 | 91 | 35 | 48 | 0 | 314 | 11 | 0 | 4.2 | 7.9 | 96.7 | Feb 24 | 56.0 | Feb. 2 | 84.0 | 61.8 | 72.9 | 40 0 | 7.4 | 22.0 | 1 | 62 | 262 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBALE 2ND ORDER STATION 1946.

Lat.: 1° 06'N Long.: 34° 11'E Alt.: 4003 feet Standard Time 3h 00m East Reference Number 88.34/02.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max.Fall | | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | - | - | 71.3 | 87.9 | 60.3 | 56.5 | .526 | .461 | .245 | .874 | 68 | 35 | 2.3 | 6.9 | 18 | 5 | 4 | 2 | 2 | 2.5 | 0.10 | 0.09 | 12 | 2 | 2 |
| February | - | - | 72.5 | 91.9 | 60.8 | 53.8 | .537 | .416 | .269 | 1.096 | 67 | 28 | 2.5 | 6.9 | 19 | 2 | 0 | 1 | 6 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | - | - | 72.4 | 88.0 | 63.0 | 59.4 | .579 | .511 | .221 | .824 | 72 | 38 | 4.4 | 7.2 | 11 | 5 | 3 | 5 | 7 | 51.3 | 2.02 | 0.60 | 19 | 10 | 0 |
| April | - | - | 71.6 | 80.4 | 66.0 | 65.5 | .644 | .632 | .136 | .416 | 83 | 60 | 8.6 | 8.9 | 1 | 0 | 3 | 10 | 16 | 182.6 | 7.19 | 1.57 | 18 | 22 | 5 |
| May | - | - | 70.4 | 79.7 | 63.9 | 65.1 | .597 | .626 | .150 | .399 | 80 | 61 | 5.2 | 8.3 | 4 | 4 | 13 | 5 | 4 | 77.2 | 3.04 | 0.90 | 31 | 15 | 1 |
| June | - | - | 69.3 | 78.8 | 64.0 | 64.4 | .602 | .611 | .119 | .381 | 83 | 62 | 7.3 | 8.7 | 0 | 4 | 6 | 13 | 7 | 128.5 | 5.06 | 1.06 | 8 | 19 | 1 |
| July | - | - | 68.5 | 79.6 | 63.3 | 63.9 | .588 | .597 | .115 | .419 | 84 | 59 | 6.9 | 8.6 | 3 | 1 | 8 | 10 | 9 | 164.8 | 6.49 | 2.25 | 29 | 15 | 7 |
| August | - | - | 68.1 | 77.1 | 63.1 | 64.0 | .585 | .602 | .109 | .340 | 84 | 64 | 7.5 | 8.8 | 0 | 5 | 4 | 12 | 10 | 174.5 | 6.87 | 1.67 | 6 | 17 | 1 |
| September | - | - | 70.2 | 77.7 | 63.7 | 64.0 | .594 | .602 | .150 | .355 | 80 | 63 | 6.0 | 8.9 | 3 | 8 | 3 | 8 | 8 | 187.7 | 7.39 | 1.88 | 8 | 15 | 5 |
| October | - | - | 71.8 | 77.6 | 63.9 | 64.8 | .599 | .617 | .187 | .337 | 76 | 65 | 5.0 | 8.5 | 3 | 7 | 8 | 6 | 3 | 77.2 | 3.04 | 1.00 | 13 | 13 | 3 |
| November | - | - | 72.3 | 81.2 | 62.1 | 63.3 | .561 | .588 | .239 | .484 | 70 | 55 | 4.6 | 6.9 | 0 | 16 | 9 | 4 | 1 | 38.4 | 1.51 | 0.34 | 7 | 14 | 1 |
| December | - | - | 72.1 | 83.1 | 61.5 | 60.8 | .552 | .537 | .242 | .606 | 70 | 47 | 5.0 | 5.9 | 0 | 8 | 16 | 7 | 0 | 16.0 | 0.63 | 0.19 | 9 | 6 | 1 |
| Year | - | - | 70.9 | 81.9 | 63.0 | 62.1 | .580 | .567 | .182 | .544 | 76 | 53 | 5.4 | 7.9 | 62 | 65 | 77 | 83 | 73 | 1100.7 | 43.34 | 2.25 | July 29 | 148 | 27 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 3 | 8 | 0 | 5 | 0 | 13 | 0 | 2 | 0 | - | - | - | - | - | 95.0 | 27,28 | 55.0 | 1 | 90.5 | 59.4 | 74.9 | 35.5 | 22.5 | 31.1 | 0 | 1 | 30 |
| February | 1 | 1 | 0 | 6 | 0 | 13 | 0 | 7 | 0 | - | - | - | - | - | 98.0 | 14,18 | 57.0 | 6 | 93.2 | 60.9 | 77.1 | 39.0 | 16.0 | 32.3 | 0 | 0 | 28 |
| March | 3 | 10 | 0 | 3 | 0 | 10 | 0 | 5 | 0 | - | - | - | - | - | 96.0 | 22 | 58.0 | 1,22,23 | 89.8 | 61.3 | 75.5 | 38.0 | 15.0 | 28.6 | 0 | 0 | 31 |
| April | 4 | 9 | 0 | 1 | 2 | 14 | 0 | 0 | 0 | - | - | - | - | - | 94.0 | 12 | 60.0 | 16 | 83.3 | 63.1 | 73.2 | 33.0 | 12.0 | 20.2 | 0 | 0 | 30 |
| May | 7 | 5 | 0 | 1 | 1 | 14 | 1 | 1 | 0 | - | - | - | - | - | 87.0 | 11 | 58.0 | 31 | 83.3 | 62.4 | 72.9 | 25.0 | 10.0 | 20.9 | 0 | 0 | 30 |
| June | 11 | 14 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | - | - | - | - | - | 84.5 | 30 | 57.0 | 23 | 80.8 | 61.2 | 71.0 | 24.0 | 14.0 | 19.6 | 0 | 0 | 30 |
| July | 4 | 22 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | - | - | - | - | - | 85.0 | 23 | 56.0 | 21 | 81.6 | 60.5 | 71.1 | 26.0 | 17.0 | 21.2 | 1 | 0 | 30 |
| August | 3 | 20 | 0 | 3 | 0 | 2 | 0 | 3 | 0 | - | - | - | - | - | 84.0 | 24 | 58.0 | 13,17 | 80.1 | 60.5 | 70.3 | 25.0 | 13.0 | 19.6 | 0 | 0 | 31 |
| September | 4 | 20 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | - | - | - | - | - | 85.0 | often | 58.0 | 9,10,11 | 82.0 | 60.6 | 71.3 | 25.0 | 17.0 | 21.4 | 0 | 0 | 30 |
| October | 5 | 11 | 0 | 1 | 0 | 7 | 0 | 3 | 0 | - | - | - | - | - | 86.0 | 28 | 58.0 | often | 81.6 | 60.1 | 70.9 | 26.0 | 16.0 | 21.5 | 0 | 0 | 27 |
| November | 9 | 2 | 1 | 2 | 2 | 4 | 8 | 2 | 0 | - | - | - | - | - | 97.0 | 14 | 54.0 | 18 | 89.7 | 60.3 | 75.0 | 41.0 | 15.0 | 29.3 | 0 | 0 | 30 |
| December | 8 | 3 | 2 | 2 | 3 | 3 | 5 | 5 | 0 | - | - | - | - | - | 98.0 | 21 | 58.0 | often | 91.9 | 60.6 | 76.3 | 38.0 | 27.0 | 31.2 | 0 | 2 | 29 |
| Year | 62 | 125 | 3 | 26 | 9 | 88 | 14 | 33 | 0 | - | - | - | - | - | 98.0 | (1) | 54.0 | Nov. 18 | 85.7 | 60.9 | 73.3 | 41.0 | 10.0 | 24.7 | 1 | 3 | 356 |

(1) Several dates:- 14th and 18th February and 21st December, 1946.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBARARA 2ND ORDER STATION, 1946.

Lat.: 0° 37'S Long.: 30° 39'E Alt.: 4734 feet Standard Time 3h 00m East Reference Number 90.30/03

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | - | | 62.8 | 79.6 | 56.6 | 57.7 | .496 | .481 | .080 | .547 | 86 | 47 | 5.2 | 6.7 | 6 | 6 | 3 | 10 | 6 | 67.1 | 2.64 | 2.18 | 20 | 3 | 0 |
| February | | | 65.3 | 82.4 | 57.9 | 54.9 | .484 | .434 | .145 | .682 | 77 | 39 | 5.- | 7.0 | 3 | 8 | 5 | 11 | - | 6.8 | 0.66 | 0.42 | 26 | 5 | 0 |
| March | | | 64.5 | 79.4 | 59.7 | 59.0 | .517 | .505 | .097 | .505 | 84 | 50 | 7.2 | 7.7 | 0 | 5 | 4 | 13 | 9 | 59.4 | 2.34 | 0.72 | 15 | 11 | 0 |
| April | | | 64.6 | 75.3 | 61.5 | 61.5 | .552 | .549 | .062 | 337 | 91 | 62 | 7.9 | 8.2 | 0 | 3 | 2 | 13 | 12 | 86.4 | 3.40 | 0.68 | 6 | 16 | 0 |
| May | | | 64.2 | 75.7 | 6 .0 | 61.3 | .540 | .546 | .065 | .352 | 89 | 61 | 6. | 7.7 | 0 | 8 | 7 | 1 | 5 | 27.3 | 5.01 | .83 | 1 | 15 | 0 |
| June | | | 63.5 | 77.2 | 58.6 | 57.7 | .496 | .481 | .095 | .461 | 84 | 51 | 5.2 | 7.4 | 4 | 6 | 5 | 12 | 3 | 12.7 | 0.50 | 0.26 | 2 | 6 | 0 |
| July | | | 63.7 | 78.4 | 59.0 | 57.6 | .505 | .478 | .089 | 502 | 85 | 49 | 5.0 | 6.6 | 6 | 6 | 4 | 13 | 2 | 18.3 | 0.72 | 0.57 | 8 | 4 | 0 |
| August | | | 62.8 | 75.- | 59.5 | 58.6 | .514 | .496 | .062 | .381 | 89 | 57 | 6. | 8.3 | 0 | 3 | 3 | 2 | 13 | 76.2 | 3.00 | .04 | 10 | 10 | 0 |
| September | | | 64.0 | 74.5 | 61.2 | 60.4 | .543 | .529 | .059 | .330 | 90 | 62 | 7.5 | 8.0 | 0 | 2 | 6 | 17 | 5 | 130.0 | 5.12 | .66 | 12 | 18 | 0 |
| October | | | 64.7 | 73 | 61.0 | 61 5 | .540 | .549 | .077 | .272 | 87 | 67 | 6.8 | 7.8 | 0 | 4 | 7 | 17 | 3 | 212.3 | 8.36 | 2 59 | 9 | 23 | 0 |
| November | | | 64.7 | 74.4 | 61.3 | 61.0 | .546 | .540 | .071 | .319 | 89 | 63 | 7.0 | 8.1 | 0 | 4 | 5 | 17 | 4 | 229.4 | 9.03 | . 41 | 6 | 18 | 0 |
| December | | | 64.1 | 75.9 | 60.3 | 60.4 | .526 | .532 | .076 | 372 | 87 | 59 | 7.0 | 7.3 | 0 | 6 | 5 | 14 | 6 | 18.8 | 0.74 | 0.35 | 5 | 9 | 0 |
| Year | | | 64.1 | 76.8 | 60 0 | 59.3 | .522 | .510 | .081 | .422 | 87 | 56 | 6.5 | 7.6 | 19 | 61 | 56 | 160 | 69 | 1054.7 | 41.52 | 2.59 | Oct. 9 | 138 | 0 |

@ At station level: corrected for Temperature...and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Thun- der. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 4 | 3 | 4 | 1 | 3 | 6 | 7 | 2 | 1 | 30 | 0 | 0 | 5.6 | 9.2 | 87.0 | 27 | 53.7 | 3 | 82.1 | 56.4 | 70.3 | 29.9 | 14.8 | 23.7 | 0 | 15 | 16 |
| February | 0 | 1 | 1 | 3 | 4 | 9 | 6 | 2 | 2 | 26 | 0 | 0 | 4.3 | 9.8 | 91.0 | 24,25 | 57 1 | 14 | 85.7 | 59 8 | 72.7 | 33.3 | 20.2 | 25.9 | 0 | 9 | 19 |
| March | 1 | 2 | 3 | 4 | 6 | 6 | 6 | 3 | 0 | 30 | 1 | 0 | 6.0 | 9.8 | 88.1 | 24 | 56.2 | 23 | 82.5 | 60 3 | 71.4 | 31.6 | 8.0 | 22.2 | 0 | 0 | 31 |
| April | 2 | 8 | 2 | 4 | 2 | 6 | 4 | 2 | 0 | 30 | 0 | 0 | 6.0 | 8.7 | 83.2 | 14 | 56.0 | 3,13 | 78.6 | 61.1 | 69.9 | 24.6 | 6.9 | 17.5 | 0 | 1 | 29 |
| May | 1 | 8 | 2 | 4 | 3 | 0 | 10 | 3 | 0 | 30 | 1 | 0 | 6.0 | 9.4 | 81.7 | 11 | 56.0 | 26 | 78.1 | 59.1 | 68.6 | 23.6 | 14.0 | 19.1 | 0 | 0 | 31 |
| June | 2 | 2 | 1 | 3 | 3 | 7 | 11 | 0 | 1 | 28 | 1 | 0 | 6.5 | 9.6 | 83.0 | 28 | 53 4 | 27 | 76.9 | 57.7 | 68.3 | 29.1 | 12.5 | 21.2 | 0 | 6 | 24 |
| July | 2 | 7 | 3 | 1 | 3 | 5 | 7 | 3 | 0 | 31 | 0 | 0 | 6.9 | 9.6 | 85.0 | 21 | 54.2 | 17 | 80.5 | 58.0 | 69.3 | 29.5 | 7.7 | 22.5 | 0 | 22 | 9 |
| August | 1 | 4 | 3 | 3 | 6 | 7 | 2 | 3 | 0 | 29 | 2 | 0 | 7.6 | 10.3 | 84.0 | 28 | 52.9 | 27 | 77.0 | 56.8 | 67.9 | 30.2 | 8.5 | 18.2 | 0 | 8 | 23 |
| September | 0 | 5 | 2 | 5 | 4 | 9 | 4 | 1 | 0 | 29 | 1 | 0 | 6.5 | 10.5 | 83.6 | 3 | 56.3 | 2 | 77.9 | 59.1 | 68.5 | 26.1 | 14.0 | 16.8 | 0 | 0 | 30 |
| October | 0 | 4 | 0 | 6 | 0 | 11 | 0 | 10 | 0 | 31 | 0 | 0 | 7.6 | 9.2 | 80.7 | 16 | 54 4 | 20 | 76.2 | 58.6 | 68.4 | 26.0 | 12.1 | 19.6 | 0 | 2 | 29 |
| November | 2 | 5 | 5 | 3 | 3 | 5 | 5 | 2 | 0 | 30 | 0 | 0 | 6.3 | 8.1 | 81.3 | 24 | 56.2 | 15,25 | 77.8 | 58.8 | 68.3 | 23.7 | 10.5 | 19.0 | 0 | 0 | 30 |
| December | 2 | 2 | 3 | 3 | 5 | 6 | 8 | 2 | 0 | 31 | 0 | 0 | 4.7 | 7.8 | 83.0 | 31 | 53.9 | 16 | 78.3 | 57.9 | 68.1 | 27.3 | 9.4 | 20.3 | 0 | 7 | 24 |
| Year | 17 | 51 | 29 | 40 | 44 | 77 | 70 | 33 | 4 | 355 | 6 | 0 | 6.2 | 9.3 | 91.0 | Feb. 24,25 | 52.9 | Aug. 27 | 79.6 | 59.0 | 69.3 | 33.3 | 6.9 | 20.7 | 0 | 70 | 295 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOROTO, 1946.

Lat.: 2° 33'N  Long.: 34° 36'E  Alt.: 5000 feet  Standard Time 3h 00m East  Reference Number 87.34/00

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | Hail | Thun- |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 4.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Pain | der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins | | | |
| January | . | . | 75.2 | . | 55.2 | . | .440 | . | .440 | . | 50 | . | . | . | . | . | . | - | - | 0.0 | 0.00 | 0.00 | | 0 | |
| February | . | . | 75.7 | . | 54.3 | - | .425 | . | .473 | . | 48 | . | . | . | . | . | . | - | - | 0.0 | 0.00 | 0.00 | | 0 | |
| March | . | . | 73.5 | . | 59.7 | . | .517 | . | .319 | - | 62 | . | . | . | . | . | . | - | . | 46.5 | 1.83 | 0.73 | 7 | 4 | |
| April | . | . | 71.3 | . | 62.8 | - | .576 | . | .195 | . | 75 | . | . | . | . | . | . | - | . | 89.9 | 3.54 | 1.14 | 17 | 9 | |
| May | . | . | 69.6 | . | 63.5 | - | .591 | . | .138 | . | 81 | . | . | . | . | . | . | - | - | 182.1 | 7.17 | 2.82 | 31 | 12 | |
| June | . | . | 67.7 | . | 63.9 | - | .597 | . | .085 | - | 87 | . | . | . | . | . | . | . | . | 289.1 | 11.38 | 2.20 | 16 | 17 | |
| July | . | . | 66.5 | . | 62.2 | - | .564 | . | .095 | . | 86 | . | . | . | . | . | . | . | . | 189.7 | 7.47 | 3.10 | 24 | 9 | |
| August | . | . | 66.1 | . | 63.0 | . | .579 | . | .065 | . | 90 | . | . | . | . | . | . | . | . | 320.0 | 12.60 | 3.16 | 6 | 19 | |
| September | . | . | 70.3 | . | 61.0 | . | .540 | . | .207 | . | 72 | . | . | . | . | . | . | - | . | 74.2 | 2.92 | 1.04 | 23 | 5 | |
| October | . | . | 70.0 | . | 61.5 | . | .549 | . | .189 | . | 74 | . | . | . | . | . | . | - | - | 58.9 | 2.32 | .15 | 7 | 5 | |
| November | . | . | 70.6 | . | 61.5 | . | .549 | . | .204 | . | 73 | . | . | . | . | . | . | - | . | 20.1 | 0.79 | 0.74 | 29 | 3 | |
| December | . | . | 71.3 | . | 61.9 | . | .558 | . | .213 | . | 72 | . | . | . | . | . | . | . | . | 0.0 | 0.00 | 0.00 | | 0 | |
| Year | | | 70.7 | | 60.9 | - | .540 | - | .219 | - | 73 | - | - | - | - | - | - | - | - | 1270.5 | 50.02 | 3.16 | Aug. 6 | 83 | |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 92.0 | 30 | 44.0 | 5, 7 | 89.3 | 55.2 | 72.3 | 46.0 | 23.0 | 34.0 | | | |
| February | 2 | 6 | 2 | 1 | 0 | 2 | 1 | 2 | 12 | 16 | 0 | 0 | 1.6 | . | 94.0 | 7,15 | 46.0 | 13,19 | 91.4 | 50.4 | 70.9 | 46.0 | 32.0 | 41.0 | - | | |
| March | 4 | 1 | 1 | 4 | 1 | 1 | 0 | 4 | 15 | 11 | 5 | 0 | 5.8 | . | 94.0 | 13,14 | 45.0 | 2,18 | 89.0 | 49.7 | 69.3 | 47.0 | 26.0 | 39.3 | . | | |
| April | 7 | 4 | 6 | 1 | 0 | 0 | 2 | 7 | 3 | 27 | 0 | 0 | 2.7 | . | 94.0 | 1 | 45.0 | 19,23,30 | 84.2 | 49.6 | 66.9 | 42.0 | 18.0 | 34.6 | | | |
| May | 6 | 4 | 1 | 9 | 0 | 0 | 1 | 7 | 3 | 24 | 4 | 0 | 5.1 | . | 89.0 | 18 | 41.0 | 12 | 82.0 | 47.9 | 64.9 | 46.0 | 22.0 | 34.1 | | | |
| June | 7 | 8 | 7 | 6 | 0 | 0 | 0 | 0 | 2 | 22 | 6 | 0 | 6.9 | - | 84.0 | 30 | 42.0 | 13,14 | 78.0 | 45.7 | 61.9 | 39.0 | 26.0 | 32.3 | - | | |
| July | 3 | 5 | 0 | 8 | 4 | 0 | 0 | 3 | 8 | 19 | 4 | 0 | 4.7 | . | 95.0 | 11 | 40.0 | 18 | 81.6 | 46.0 | 63.8 | 49.0 | 23.0 | 35.6 | . | . | |
| August | . | . | | | . | . | . | . | | . | . | | | | 85.0 | 30 | 42.0 | often | 77.5 | 45.3 | 61.4 | 39.0 | 16.0 | 32.2 | | | |
| September | . | . | . | . | . | . | . | . | . | . | . | . | | | 96.0 | 10,17 | 40.0 | 25 | 87.4 | 50.1 | 68.7 | 53.0 | 23.0 | 37.3 | | | |
| October | 7 | 10 | 2 | 3 | 1 | 0 | 3 | 5 | 0 | 31 | 0 | 0 | 2.2 | - | 89.0 | 6 | 40.0 | 3,29 | 84.2 | 46.3 | 65.3 | 46.0 | 24.0 | 37.9 | . | | |
| November | . | . | . | . | . | . | . | . | . | . | . | . | | . | 89.0 | 23 | 41.0 | 4,18,19 | 85.3 | 46.3 | 65.8 | 46.0 | 27.0 | 39.0 | | | |
| December | . | . | . | . | . | . | . | . | . | . | . | . | | . | 93.0 | 24 | 41.0 | 20 | 86.9 | 51.9 | 69.4 | 48.0 | 27.0 | 35.0 | | | |
| Year | . | . | . | . | . | . | . | . | . | . | . | . | | | 96.0 | Sept. 10,17 | 40.0 | (1) | 84.7 | 48.7 | 66.7 | 53.0 | 16.0 | 36.0 | - | | |

(1) Several dates:- July 18th September 25th. October 3rd. and 29th

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOYO, 1946.

Lat.: 3° 40'N  Long.: 31° 44'E  Alt.: 3400 feet  Standard Time 3h 00m East  Reference Number 86.31/05

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | | |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | – | – | 73.0 | 89.9 | 54.9 | 54.7 | .434 | .431 | .387 | .989 | 53 | 30 | 5.0 | 5.0 | 3 | 5 | 13 | 9 | 1 | 0.0 | 0.00 | 0.00 | | 0 | 1 |
| February | – | – | 74.4 | 91.6 | 55.6 | 55.6 | .446 | .446 | .413 | 1.051 | 52 | 30 | 4.9 | 4.7 | 1 | 9 | 9 | 5 | 4 | 0.0 | 0.00 | 0.00 | | 0 | 1 |
| March | – | – | 73.1 | 89.4 | 60.3 | 57.2 | .526 | .473 | .295 | .924 | 64 | 34 | 6.2 | 6.8 | 1 | 5 | 7 | 15 | 3 | 17.0 | 0.67 | 0.29 | 18 | 10 | 13 |
| April | – | – | 70.5 | 81.3 | 65.8 | 66.6 | .641 | .656 | .112 | .422 | 85 | 61 | 8.0 | 7.6 | 0 | 0 | 7 | 15 | 8 | 207.8 | 8.18 | 2.02 | 15 | 17 | 23 |
| May | – | – | 69.7 | 79.5 | 65.7 | 67.5 | .638 | .679 | .091 | .337 | 87 | 67 | 7.2 | 6.5 | 0 | 0 | 4 | 8 | 10 | 9 | 256.8 | 10.11 | 2.57 | 13 | 16 | 23 |
| June | – | – | 67.9 | 77.2 | 65.5 | 67.1 | .632 | .670 | .053 | .272 | 92 | 71 | 9.8 | 7.7 | 0 | 3 | 2 | 18 | 7 | 204.5 | 8.05 | 2.05 | 13 | 16 | 24 |
| July | – | – | 67.4 | 75.9 | 65.1 | 66.6 | .626 | .656 | .053 | .248 | 92 | 73 | 7.0 | 7.8 | 0 | 7 | 3 | 14 | 7 | 133.1 | 5.24 | 0.99 | 26 | 16 | 22 |
| August | – | – | 66.1 | 74.0 | 64.9 | 67.5 | .620 | .676 | .024 | .169 | 96 | 80 | 8.6 | 8.3 | 0 | 2 | 1 | 15 | 13 | 273.6 | 10.77 | 1.67 | 28 | 21 | 24 |
| September | – | – | 68.3 | 78.2 | 65.3 | 66.4 | .629 | .653 | .071 | .322 | 90 | 67 | 6.2 | 7.7 | 1 | 6 | 9 | 10 | 4 | 175.0 | 6.89 | 1.50 | 30 | 16 | 12 |
| October | | | 69.0 | 79.8 | 65.5 | 66.2 | .632 | .650 | .086 | .378 | 88 | 63 | 6.8 | 6.5 | 0 | 5 | 7 | 14 | 5 | 166.4 | 6.55 | 1.69 | 19 | 21 | 19 |
| November | – | – | 69.7 | 80.8 | 63.7 | 62.8 | .594 | .576 | .135 | .484 | 81 | 54 | 4.9 | 6.3 | 0 | 13 | 8 | 4 | 5 | 103.1 | 4.06 | 1.94 | 2 | 9 | 15 |
| December | – | – | 70.5 | 86.8 | 61.2 | 58.6 | .543 | .496 | .210 | .786 | 72 | 39 | 2.5 | 4.5 | 3 | 21 | 5 | 2 | 0 | 3.0 | 0.12 | 0.06 | 3 | 3 | 3 |
| Year | | | 70.0 | 82.0 | 62.6 | 63.1 | .560 | .589 | .161 | .532 | 79 | 56 | 6.4 | 6.6 | 9 | 80 | 79 | 131 | 66 | 1540.3 | 60.64 | 2.57 | May 13 | 145 | 180 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 10 | 7 | 7 | 3 | 2 | 0 | 0 | 2 | 0 | 30 | 1 | 0 | 4.3 | 9.4 | 96.5 | 27 | 64.0 | 1 | 92.1 | 69.3 | 80.7 | 27.0 | 18.9 | 22.8 | 1 | 0 | 30 |
| February | 8 | 5 | 3 | 1 | 3 | 3 | 0 | 5 | 0 | 24 | 4 | 0 | 5.4 | 8.9 | 99.2 | 24 | 67.0 | 27 | 94.6 | 71.3 | 82.9 | 27.0 | 19.5 | 23.3 | 0 | 2 | 26 |
| March | 5 | 5 | 5 | 3 | 6 | 2 | 3 | 2 | 0 | 29 | 2 | 0 | 4.3 | 10.5 | 98.1 | 31 | 61.0 | 8 | 92.8 | 69.2 | 81.0 | 29.0 | 17.0 | 23.5 | 0 | 2 | 29 |
| April | 4 | 1 | 3 | 3 | 11 | 4 | 4 | 0 | 0 | 28 | 2 | 0 | 5.1 | 7.8 | 98.8 | 1 | 64.0 | 29 | 85.9 | 67.2 | 76.5 | 27.8 | 10.8 | 18.7 | 0 | 1 | 29 |
| May | 1 | 2 | 6 | 1 | 6 | 10 | 4 | 1 | 0 | 30 | 1 | 0 | 4.3 | 6.9 | 87.0 | 12 | 63.0 | 2,21 | 83.1 | 65.8 | 74.5 | 23.0 | 12.0 | 17.3 | 0 | 4 | 27 |
| June | 0 | 3 | 5 | 5 | 2 | 4 | 5 | 6 | 0 | 30 | 0 | 0 | 4.0 | 5.8 | 83.6 | 18 | 62.6 | 14 | 80.7 | 65.4 | 73.1 | 18.9 | 12.5 | 15.3 | 1 | 7 | 22 |
| July | 8 | 7 | 3 | 0 | 3 | 3 | 5 | 2 | 0 | 31 | 0 | 0 | 4.9 | 6.0 | 82.9 | 23 | 61.2 | 15 | 79.7 | 64.6 | 72.1 | 19.4 | 11.8 | 15.1 | 0 | 1 | 30 |
| August | 6 | 7 | 2 | 3 | 1 | 2 | 5 | 5 | 0 | 31 | 0 | 0 | 5.1 | 6.9 | 82.0 | 26 | 61.7 | 6 | 79.1 | 63.9 | 71.5 | 19.0 | 10.0 | 15.2 | 3 | 3 | 25 |
| September | 11 | 4 | 1 | 3 | 3 | 0 | 5 | 3 | 0 | 30 | 0 | 0 | 4.0 | 6.9 | 85.9 | 28 | 61.6 | 3 | 81.8 | 64.8 | 73.3 | 20.9 | 14.0 | 17.0 | 2 | 0 | 28 |
| October | 6 | 7 | 5 | 0 | 2 | 0 | 5 | 4 | 0 | 30 | 1 | 0 | 4.0 | 6.9 | 86.2 | 30 | 62.0 | 20 | 82.8 | 64.9 | 73.8 | 20.5 | 12.2 | 17.8 | 0 | 0 | 31 |
| November | 7 | 8 | 4 | 2 | 4 | 0 | 5 | 0 | 0 | 27 | 3 | 0 | 5.1 | 8.9 | 87.8 | 19 | 62.8 | 4 | 83.1 | 65.4 | 74.3 | 21.0 | 7.2 | 17.7 | 1 | 0 | 29 |
| December | 5 | 10 | 7 | 1 | 4 | 1 | 3 | 0 | 0 | 31 | 0 | 0 | 3.8 | 7.6 | 94.3 | 29 | 62.3 | 1 | 89.6 | 66.0 | 77.8 | 29.5 | 16.2 | 23.6 | 0 | 2 | 29 |
| Year | 73 | 66 | 51 | 25 | 47 | 29 | 44 | 30 | 0 | 351 | 14 | 0 | 4.5 | 7.7 | 99.2 | Feb. 24 | 61.0 | March 8 | 85.4 | 66.5 | 76.0 | 29.5 | 7.2 | 18.9 | 8 | 22 | 335 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MUBENDE 2ND ORDER STATION 1946.

Lat.: 0° 35'N Long.: 31° 22'E Alt.: 5095 feet Standard Time 3h 00m East Reference Number 89.31/03.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max.Fall in 24hrs. ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thun der. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 24.973 | 24.923 | 65.3 | 80.9 | 55.9 | 58.6 | .452 | .496 | .177 | .570 | 72 | 47 | 4.5 | 7.5 | 9 | 3 | 10 | 6 | 3 | 0.3 | 0.01 | 0.01 | 23 | 1 | 3 |
| February | 24.959 | 24.903 | 67.7 | 83.6 | 58.1 | 55.4 | .487 | .443 | .195 | .721 | 71 | 38 | 3.7 | 7.6 | 11 | 0 | 11 | 4 | 2 | 6.1 | 0.24 | 0.13 | 8 | 5 | 1 |
| March | 24.971 | 24.914 | 64.9 | 79.0 | 58.3 | 58.3 | .490 | .490 | .130 | .508 | 79 | 49 | 5.7 | 7.8 | 6 | 4 | 6 | 8 | 7 | 70.4 | 2.77 | 0.83 | 27 | 11 | 5 |
| April | 24.994 | 24.947 | 63.6 | 72.6 | 60.3 | 62.4 | .526 | .570 | .068 | .239 | 89 | 70 | 8.5 | 8.6 | 1 | 0 | 4 | 8 | 17 | 181.4 | 7.14 | 2.14 | 17 | 20 | 0 |
| May | 24.979 | 24.941 | 63.6 | 73.1 | 60.4 | 63.1 | .532 | .582 | .062 | .239 | 89 | 71 | 6.8 | 7.7 | 1 | 4 | 10 | 8 | 8 | 103.6 | 4.08 | 0.91 | 5 | 20 | 1 |
| June | 25.047 | 25.015 | 63.9 | 71.3 | 58.8 | 61.9 | .499 | .558 | .098 | .213 | 84 | 72 | 6.5 | 8.1 | 1 | 4 | 11 | 11 | 3 | 34.0 | 1.34 | 0.62 | 8 | 9 | . |
| July | 25.033 | 24.979 | 63.2 | 71.6 | 59.0 | 62.6 | .505 | .573 | .077 | .207 | 87 | 73 | 6.6 | 8.3 | 3 | 2 | 9 | 9 | 8 | 109.5 | 4.31 | 2.20 | 17 | 14 | 2 |
| August | 25.030 | 24.991 | 62.7 | 72.1 | 58.8 | 61.3 | .499 | .546 | .056 | .248 | 89 | 69 | 8.1 | 8.2 | 0 | 3 | 4 | 9 | 15 | 97.3 | 3.83 | 0.86 | 29 | 16 | 4 |
| September | 25.015 | 24.965 | 62.9 | 71.1 | 59.2 | 62.6 | .508 | .573 | .071 | .195 | 88 | 73 | 7.7 | 8.2 | 0 | 0 | 11 | 10 | 9 | 156.5 | 6.16 | 1.13 | 4 | 23 | 1 |
| October | 24.982 | 24.932 | 63.5 | 73.2 | 59.2 | 62.2 | .508 | .564 | .083 | .260 | 86 | 68 | 6.7 | 8.1 | 0 | 2 | 15 | 4 | 7 | 247.1 | 9.73 | 1.81 | 15 | 21 | 5 |
| November | 24.973 | 24.932 | 65.4 | 73.5 | 60.3 | 62.6 | .526 | .573 | .106 | .263 | 83 | 68 | 5.9 | 8.5 | 4 | 5 | 9 | 5 | 7 | 91.4 | 3.60 | 0.92 | 24 | 17 | 3 |
| December | 24.976 | 24.920 | 64.1 | 73.5 | 60.1 | 62.1 | .523 | .561 | .079 | .275 | 87 | 67 | 5.4 | 7.6 | 6 | 4 | 10 | 3 | 8 | 152.9 | 6.02 | 1.50 | 7 | 16 | 3 |
| Year | 24.994 | 24.947 | 64.1 | 74.6 | 59.0 | 61.1 | .505 | .544 | .100 | .328 | 84 | 64 | 6.3 | 8.0 | 42 | 31 | 110 | 85 | 94 | 1250.5 | 49.23 | 2.20 | July 17 | 173 | 28 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max. + Min. | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 22 | 0 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 12 | 19 | 0 | 14.1 | 15.2 | 87.0 | 29 | 56.0 | 2 | 82.6 | 62.8 | 72.7 | 25.0 | 12.5 | 19.8 | 1 | 12 | 18 |
| February | 20 | 0 | 0 | 0 | 4 | 0 | 0 | 3 | 1 | 6 | 21 | 0 | 17.7 | 18.3 | 88.0 | 20 | 61.5 | 28 | 86.2 | 63.8 | 75.0 | 26.0 | 16.0 | 22.4 | 0 | 12 | 16 |
| March | 13 | 0 | 1 | 0 | 13 | 0 | 0 | 4 | 0 | 13 | 18 | 0 | 15.9 | 14.3 | 87.0 | often | 58.5 | 8 | 81.5 | 61.8 | 71.7 | 26.0 | 8.0 | 19.6 | 2 | 13 | 16 |
| April | 13 | 1 | 1 | 2 | 13 | 0 | 0 | 0 | 0 | 12 | 18 | 0 | 17.0 | 14.5 | 81.0 | 1 | 59.0 | often | 75.4 | 60.8 | 68.1 | 20.0 | 8.0 | 14.6 | 5 | 12 | 13 |
| May | 7 | 0 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 17 | 14 | 0 | 14.5 | 15.4 | 77.0 | often | 58.0 | 9,21 | 74.8 | 60.9 | 67.9 | 18.0 | 10.0 | 14.0 | 4 | 11 | 16 |
| June | 18 | 0 | 0 | 0 | 10 | 2 | 0 | 0 | 0 | 18 | 12 | 0 | 13.2 | 15.4 | 77.0 | often | 60.0 | often | 74.8 | 61.1 | 67.9 | 17.0 | 10.0 | 13.8 | 1 | 4 | 25 |
| July | 19 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 15.9 | 13.2 | 78.0 | 3,17 | 57.0 | 30 | 75.2 | 60.4 | 67.8 | 18.0 | 7.0 | 14.9 | 2 | 11 | 18 |
| August | 26 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 17.0 | 13.4 | 76.0 | 28 | 56.0 | 12 | 72.9 | 58.9 | 65.9 | 18.0 | 11.0 | 14.0 | 4 | 2 | 25 |
| September | 21 | 1 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 11 | 19 | 0 | 17.7 | 14.5 | 77.0 | 2,16,29 | 57.5 | 24 | 73.8 | 59.7 | 66.7 | 18.0 | 8.5 | 14.1 | 3 | 1 | 26 |
| October | 20 | 0 | 0 | 0 | 7 | 0 | 0 | 1 | 0 | 9 | 19 | 0 | 19.5 | 15.0 | 78.0 | 10 | 57.0 | often | 74.7 | 59.1 | 66.9 | 20.0 | 8.0 | 15.7 | 5 | 2 | 21 |
| November | 17 | 0 | 0 | 1 | 12 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 18.8 | 16.6 | 79.0 | 21 | 58.0 | 25 | 75.1 | 60.3 | 67.7 | 19.0 | 9.5 | 14.8 | 3 | 9 | 18 |
| December | 19 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 15 | 16 | 0 | 15.4 | 13.2 | 78.0 | often | 57.0 | 5,8,10 | 75.0 | 60.3 | 67.7 | 18.5 | 11.5 | 14.7 | 1 | 16 | 14 |
| Year | 215 | 3 | 2 | 5 | 125 | 3 | 0 | 8 | 1 | 146 | 215 | 0 | 16.4 | 14.9 | 88.0 | Feb. 20 | 56.0 | Jan.2 Aug.12 | 76.8 | 60.8 | 68.8 | 26.0 | 7.0 | 16.0 | 31 | 105 | 226 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SERERE AGRICULTURAL STATION 1946.

Lat.: 1° 31'N Long.: 33° 27'E Alt.: 3738 feet Standard Time 3h 00m East Reference Number 88.33/04 .

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max.Fall in 24hrs. ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 26.184 | 26.084 | 73.4 | 90.6 | 61.5 | 54.1 | .549 | .422 | .281 | 1.031 | 66 | 29 | 3.6 | 7.0 | 0 | 21 | 3 | 5 | 2 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| February | 26.161 | 26.072 | 75.3 | 92.9 | 59.5 | 52.3 | .514 | .396 | .372 | 1.158 | 58 | 25 | 4.9 | 6.6 | 2 | 9 | 9 | 4 | 4 | 0.0 | 0.00 | 0.00 | - | 0 | 0 |
| March | 26.193 | 26.102 | 73.2 | 87.8 | 65.5 | 59.7 | .635 | .517 | .189 | .809 | 77 | 39 | 6.0 | 6.9 | 0 | 10 | 6 | 6 | 9 | 103.1 | 4.06 | 1.74 | 15 | 11 | 12 |
| April | 26.211 | 26.140 | 70.4 | 81.2 | 66.2 | 66.7 | .650 | .661 | .097 | .411 | 87 | 82 | 8.9 | 8.1 | 0 | 1 | 4 | 3 | 22 | 275.1 | 10.83 | 1.86 | 16 | 22 | 24 |
| May | 26.243 | 26.181 | 70.5 | 80.7 | 66.4 | 67.8 | .653 | .685 | .100 | .375 | 87 | 65 | 6.2 | 6.8 | 0 | 10 | 3 | 12 | 6 | 208.5 | 8.21 | 2.30 | 22 | 23 | 23 |
| June | 26.294 | 26.229 | 67.9 | 78.6 | 65.1 | 66.0 | .623 | .644 | .062 | .342 | 91 | 65 | 7.9 | 7.2 | 0 | 5 | 1 | 13 | 11 | 176.3 | 6.94 | 1.30 | 8 | 20 | 24 |
| July | 26.255 | 26.205 | 67.9 | 79.2 | 64.8 | 65.1 | .617 | .626 | .068 | .378 | 90 | 62 | 8.4 | 8.4 | 0 | 2 | 3 | 11 | 15 | 90.7 | 3.57 | 1.06 | 31 | 16 | 19 |
| August | 26.270 | 26.199 | 66.7 | 77.3 | 64.2 | 64.8 | .605 | .617 | .056 | .331 | 91 | 65 | 7.9 | 8.3 | 0 | 3 | 4 | 14 | 10 | 312.4 | 12.30 | 3.96 | 9 | 19 | 18 |
| September | 26.240 | 26.164 | 69.7 | 80.7 | 64.9 | 65.5 | .620 | .635 | .109 | .425 | 85 | 60 | 6.5 | 7.4 | 0 | 8 | 5 | 10 | 7 | 125.5 | 4.94 | 1.30 | 15 | 19 | 24 |
| October | 26.211 | 26.125 | 71.3 | 83.4 | 64.4 | 62.8 | .611 | .576 | .160 | .579 | 79 | 50 | 6.3 | 7.0 | 0 | 7 | 8 | 10 | 6 | 49.8 | 1.96 | 0.82 | 7 | 6 | 15 |
| November | 26.196 | 26.102 | 72.4 | 83.9 | 64.4 | 62.1 | .608 | .561 | .192 | .608 | 76 | 48 | 8.0 | 8.1 | 0 | 3 | 6 | 3 | 18 | 112.3 | 4.42 | 1.31 | 2 | 10 | 10 |
| December | 26.181 | 26.104 | 72.9 | 85.7 | 64.6 | 59.0 | .614 | .502 | .201 | .738 | 75 | 40 | 4.4 | 6.1 | 0 | 18 | 5 | 4 | 4 | 32.3 | 1.27 | 1.01 | 10 | 5 | 7 |
| Year | 26.220 | 26.142 | 71.0 | 83.5 | 64.3 | 62.2 | .608 | .570 | .157 | .599 | 80 | 51 | 6.6 | 7.3 | 2 | 97 | 57 | 95 | 114 | 1486.0 | 58.50 | 3.96 | Aug. 9 | 151 | 176 |

@ At station level: corrected for temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½(Max.+Min.) | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 1 | 2 | 7 | 7 | 0 | 9 | 3 | 2 | 0 | 16 | 15 | 0 | 11.4 | 13.2 | 96.9 | 16 | 62.5 | 6 | 93.8 | 64.9 | 79.3 | 33.1 | 24.8 | 28.9 | 0 | 0 | 31 |
| February | 2 | 3 | 2 | 7 | 2 | 6 | 1 | 4 | 1 | 22 | 5 | 0 | 8.1 | 10.5 | 97.6 | often | 63.0 | 19 | 95.5 | 66.1 | 80.8 | 33.5 | 17.5 | 29.5 | 0 | 6 | 22 |
| March | 0 | 1 | 2 | 4 | 14 | 7 | 0 | 2 | 1 | 25 | 5 | 0 | 8.3 | 11.0 | 98.0 | 13 | 60.0 | 20 | 90.9 | 65.9 | 78.4 | 33.8 | 15.1 | 24.9 | 0 | 6 | 25 |
| April | 1 | 1 | 0 | 10 | 8 | 6 | 1 | 3 | 0 | 26 | 4 | 0 | 6.5 | 8.1 | 94.3 | 1 | 63.0 | 6,25 | 84.2 | 65.1 | 74.7 | 26.6 | 6.3 | 19.1 | 3 | 0 | 27 |
| May | 1 | 2 | 5 | 7 | 8 | 5 | 2 | 1 | 0 | 29 | 2 | 0 | 6.7 | 6.7 | 87.0 | 12,13 | 60.5 | 27 | 83.8 | 64.1 | 73.9 | 23.3 | 7.5 | 19.6 | 0 | 1 | 30 |
| June | 2 | 12 | 6 | 6 | 0 | . | 1 | 2 | 0 | 29 | 1 | 0 | 6.3 | 6.3 | 85.0 | 10,14 | 61.3 | 13 | 82.1 | 63.6 | 72.9 | 22.5 | 12.6 | 18.5 | 0 | 1 | 29 |
| July | 4 | 14 | 2 | 2 | 1 | 1 | 0 | 6 | 1 | 30 | 0 | 0 | 6.0 | 6.9 | 85.2 | 20 | 60.2 | 20 | 81.7 | 63.7 | 72.7 | 25.0 | 13.0 | 18.0 | 0 | 2 | 29 |
| August | 3 | 18 | 1 | 2 | 1 | 2 | 0 | 3 | 1 | 30 | 0 | 0 | 6.3 | 6.7 | 84.6 | 23 | 60.4 | 8 | 79.9 | 62.5 | 71.2 | 20.9 | 7.6 | 17.3 | 1 | 2 | 28 |
| September | 9 | 6 | 1 | 0 | 1 | 6 | 1 | 6 | 0 | 29 | 1 | 0 | 5.4 | 4.9 | 87.0 | 29 | 61.2 | 20 | 83.5 | 63.3 | 73.4 | 23.0 | 13.3 | 20.2 | 0 | 0 | 30 |
| October | 9 | 9 | 2 | 1 | 1 | 2 | 1 | 6 | 0 | 31 | 0 | 0 | 4.5 | 8.1 | 88.4 | 28,29 | 62.6 | 1,1820 | 85.6 | 63.8 | 74.7 | 24.7 | 17.4 | 21.8 | 0 | 0 | 31 |
| November | 0 | 6 | 2 | 6 | 2 | 6 | 3 | 5 | 0 | 28 | 2 | 0 | 5.4 | 7.8 | 91.9 | 23 | 60.1 | 25 | 86.7 | 63.3 | 75.0 | 29.7 | 17.9 | 23.4 | 0 | 1 | 29 |
| December | 0 | 5 | 2 | 11 | 8 | 3 | 1 | 0 | 1 | 25 | 5 | 0 | 7.4 | 9.6 | 94.4 | 21 | 61.8 | 8,11 | 89.8 | 63.8 | 76.7 | 30.7 | 20.6 | 26.2 | 0 | 0 | 31 |
| Year | 32 | 79 | 32 | 63 | 46 | 54 | 14 | 40 | 5 | 320 | 40 | 0 | 6.9 | 8.3 | 98.0 | Mar. 13 | 60.0 | March 20 | 86.5 | 64.2 | 75.3 | 33.8 | 6.3 | 22.3 | 4 | 19 | 342 |

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SOROTI 2ND ORDER STATION, 1946.

Lat.: 1° 43'N Long.: 33° 37'E Alt.: 3655 feet Standard Time 3h 00m East Reference Number 88.33/06

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall: | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall in 24hrs. | Date | Rain | Thunder. |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | ins. | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | | | 72.9 | 91.5 | 59.0 | 50.7 | .505 | .372 | .310 | 1.122 | 62 | 25 | 1.5 | 3.2 | 8 | 20 | 1 | 2 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 0 |
| February | | | 73.2 | 94.0 | 56.7 | 46.8 | .464 | .322 | .360 | 1.285 | 56 | 20 | 0.9 | 2.8 | 10 | 17 | 1 | 0 | 0 | 0.0 | 0.00 | 0.00 | | 0 | 1 |
| March | | | 7 .9 | 87.7 | 63. | 56.3 | .582 | .458 | .209 | .862 | 74 | 35 | 2.9 | 4.5 | 6 | 18 | 2 | 5 | 0 | 81.0 | 3.19 | 1.14 | 7 | 8 | 6 |
| April | | | 70.6 | 8 .7 | 66.2 | 65.5 | .650 | .632 | .103 | .458 | 82 | 58 | 6.8 | 7.1 | 0 | 5 | 6 | 17 | 2 | 83.6 | 7.23 | 1.17 | 15 | 19 | 10 |
| May | | | 70.3 | 80.4 | 66.0 | 67.1 | .644 | .670 | .109 | .375 | 85 | 64 | 4.3 | 6.8 | 0 | 18 | 6 | 4 | 3 | 18.9 | 7..6 | 2.36 | 1 | 16 | 3 |
| June | | | 68.3 | 77.7 | 64.8 | 64.4 | .617 | .608 | .083 | .349 | 88 | 64 | 7.4 | 6.9 | 0 | 2 | 7 | 16 | 5 | 126.5 | 4.98 | 1.63 | 8 | 15 | 3 |
| July | | | 67.5 | 78.9 | 64.6 | 63.5 | .614 | .591 | .065 | .407 | 90 | 59 | 6.0 | 7.5 | 0 | 10 | 7 | 6 | 7 | 154.7 | 6 09 | 1.86 | 31 | 23 | 7 |
| August | | | 67.0 | 77.9 | 64.4 | 64.4 | .608 | .608 | .056 | .355 | 91 | 63 | 6.9 | 7.3 | 0 | 6 | 8 | 6 | 1 | 295.9 | 1 .65 | 2.68 | 17 | 21 | 7 |
| September | | | 66 7 | 81.0 | 64.4 | 64.0 | .608 | .602 | .10 | 464 | 86 | 57 | 4.7 | 6.9 | 0 | 12 | 10 | 6 | 2 | 83.8 | 3 30 | 1.44 | 5 | 12 | 6 |
| October | | | 68.8 | 82.8 | 64.0 | 64.0 | .602 | .602 | .107 | .529 | 85 | 53 | 4.9 | 6.8 | 0 | 2 | | 5 | 3 | 80 .5 | 3. 7 | .58 | 7 | 9 | 2 |
| November | | | 69.8 | 82. | 63 | 62.4 | .585 | 567 | 50 | .537 | 79 | 51 | 4.2 | 6.7 | 0 | 4 | | 3 | 1 | 19 .5 | 7.54 | 92 | 7 | 13 | 4 |
| December | | | 70.8 | 83.5 | 63.7 | 58.1 | .594 | .487 | .68 | .668 | 79 | 42 | 1.9 | 6.0 | 12 | 12 | 5 | 2 | 0 | 9.4 | 0.37 | 0.20 | 3 | 2 | 0 |
| Year | | | 70.0 | 83.3 | 63.3 | 60.6 | .589 | .543 | .152 | .618 | 80 | 49 | 4.4 | 6.0 | 36 | 46 | 75 | 72 | 34 | 388.8 | 54.68 | 2.68 | Aug. 7 | 128 | 49 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 3 | 4 7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 3 | 18 | 0 | 4 | 0 | 2 | 0 | 4 | 0 | 31 | 0 | 0 | 3.8 | 5.1 | 97.0 | 29,31 | 61.0 | 10 | 93.8 | 65.2 | 79.5 | 33.0 | 23.5 | 28.7 | 0 | 0 | 31 |
| February | 1 | 10 | 0 | 6 | 0 | 3 | 2 | 4 | 2 | 26 | 0 | 0 | 2.2 | 9.2 | 99.0 | 23,25 | 62.0 | 2, 8 | 96.5 | 66.6 | 81.5 | 35 5 | 24.0 | 29.9 | 0 | 4 | 24 |
| March | 4 | 5 | 9 | 4 | 0 | 5 | 0 | 3 | 1 | 30 | 0 | 0 | 2.2 | 4.7 | 97.5 | 13,14 | 59.5 | 8 | 91.4 | 66.4 | 78.9 | 32.0 | 13.5 | 25.0 | 0 | 2 | 29 |
| April | 4 | 5 | 6 | 5 | 5 | 2 | 2 | 1 | 0 | 30 | 0 | 0 | 2.0 | 3.4 | 97.5 | 9 | 63.0 | 6,13,19 | 84.9 | 65.6 | 75.3 | 30.0 | 9.0 | 19.4 | 0 | 2 | 28 |
| May | 6 | 12 | 7 | 2 | 1 | 1 | 0 | 2 | 0 | 31 | 0 | 0 | 2.0 | 3.6 | 88.5 | 12 | 60.5 | 2 | 83.3 | 64.3 | 73.8 | 24.0 | 8.0 | 19.. | 0 | 2 | 29 |
| June | 3 | 17 | 3 | 2 | 0 | 2 | 0 | 3 | 0 | 30 | 0 | 0 | 2.5 | 3.4 | 84.5 | 2 | 50.5 | 20 | 80.8 | 63.6 | 72.2 | 22.0 | 11.0 | 17.2 | 0 | 0 | 30 |
| July | 0 | 7 | 5 | 4 | 0 | 3 | 2 | 9 | 0 | 30 | 0 | 0 | 2.7 | 3.1 | 85.5 | 16 | 61.0 | 27 | 81.2 | 63 2 | 72 2 | 23.0 | 11.5 | 16.1 | 0 | 0 | 30 |
| August | 5 | 12 | 6 | 5 | 1 | 0 | 0 | 2 | 0 | 31 | 0 | 0 | 2.7 | 3.4 | 84.5 | 25,26 | 60.0 | 7 | 80.2 | 62.6 | 71.4 | 21.5 | 10.5 | 17.6 | 0 | 3 | 28 |
| September | 4 | 7 | 5 | 5 | 0 | 2 | 2 | 5 | 0 | 29 | 1 | 0 | 4.0 | 4.3 | 87.5 | 28 | 61.0 | 4,25 | 83.4 | 62.9 | 73.1 | 23.0 | 14.5 | 20.5 | 0 | 0 | 30 |
| October | 5 | 7 | 6 | 2 | 4 | 5 | 2 | 0 | 0 | 30 | 1 | 0 | 2.7 | 5.4 | 90.5 | 29 | 51.0 | 1 | 86.2 | 63.2 | 74.7 | 26.5 | 17.5 | 23.0 | 0 | 0 | 31 |
| November | 4 | 5 | 4 | 5 | 5 | 3 | 3 | 0 | 0 | 28 | 1 | 0 | 2.9 | 6.9 | 90.0 | 18,19 | 60.5 | 19 | 86.3 | 63.2 | 74.7 | 29.5 | 17.0 | 23.0 | 0 | 1 | 26 |
| Dec-mber | 1 | 3 | 16 | 4 | 3 | 1 | 1 | 0 | 0 | 31 | 0 | 0 | 2.5 | 6.3 | 93.0 | 29 | 59.0 | 16 | 88.5 | 63.5 | 76.0 | 31.5 | 17.5 | 25.0 | 0 | 0 | 31 |
| Year | 40 | 106 | 69 | 46 | 19 | 29 | 14 | 33 | 3 | 357 | 3 | 0 | 2.7 | 4.9 | 99.0 | Feb. 23,25 | 59.0 | Dec. 16 | 86.4 | 64.2 | 75.3 | 35.5 | 6.0 | 22.2 | 0 | 14 | 349 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TORORO 2ND ORDER STATION, 1946.

Lat.: 0° 40'N Long.: 34° 10'E Alt.: 4045 feet Standard Time 3h 00m East Reference Number 89.34/19.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall in 24hrs. | Date | Rain | Thunder |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | | | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | 25.924 | 25.839 | 68.9 | 87.6 | 54.1 | 54.0 | .422 | .419 | .290 | .901 | 60 | 32 | 4.2 | 6.8 | 1 | 16 | 4 | 9 | 1 | 10.7 | 4.36 | 4.29 | 11 | 4 | 4 |
| February | 25.907 | 25.818 | 69.5 | 90 7 | 52.5 | 49.8 | .399 | .360 | .327 | 1.093 | 55 | 25 | 4.0 | 6.5 | 3 | 11 | 6 | 5 | 3 | 10.2 | 0.40 | 0.23 | 9 | 3 | 4 |
| March | 25.921 | 25.836 | 70.6 | 86.0 | 59.0 | 55.6 | .502 | .446 | .251 | .806 | 67 | 36 | 7.5 | 8.6 | 1 | 5 | 2 | 10 | 13 | 60.5 | 2.36 | 0.77 | 17 | 11 | 12 |
| April | 25.942 | 25.874 | 66.0 | 80.4 | 63.5 | 63.1 | .591 | .582 | .118 | .466 | 83 | 55 | 9.3 | 9.3 | 0 | 0 | 1 | 14 | 15 | 304.3 | 11.98 | 2.85 | 24 | 19 | 28 |
| May | 25.975 | 25.912 | 69.2 | 76.7 | 63.1 | 64.2 | .585 | .605 | .136 | .381 | 81 | 61 | 7.3 | 8.2 | 0 | 5 | 5 | 15 | 6 | 210.3 | 8.28 | 2.23 | 16 | 19 | 22 |
| June | 26.019 | 25.960 | 67.3 | 76.3 | 61.5 | 62.2 | .549 | .564 | .124 | .349 | 82 | 62 | 8.3 | 8.9 | 0 | 1 | 4 | 18 | 7 | 103.9 | 4.09 | 0.89 | 8 | 17 | 14 |
| July | 25.963 | 25.936 | 66.0 | 77.9 | 61.2 | 61.9 | .543 | .558 | .101 | .405 | 84 | 58 | 8.8 | 9.7 | 0 | 2 | 2 | 7 | 20 | 164.7 | 6.46 | 2.13 | 29 | 13 | 16 |
| August | 25.995 | 25.930 | 65.2 | 76.3 | 61.5 | 61 9 | .552 | .558 | .074 | .355 | 88 | 61 | 8.0 | 9.0 | 0 | 3 | 3 | 16 | 9 | 261. | 10.28 | 2.24 | 9 | 23 | 17 |
| September | 25.972 | 25.889 | 67.0 | 78.4 | 61.0 | 62.4 | .540 | .567 | .124 | 4.3 | 81 | 58 | 6.6 | 8.6 | 0 | 8 | 2 | 14 | 6 | 138.2 | 5.44 | 25 | 10 | 17 | 23 |
| October | 25.945 | 25.859 | 68.5 | 78.8 | 6 .5 | 62.4 | .552 | .567 | .15 | 425 | 79 | 57 | 7.3 | 8.7 | 0 | 7 | 2 | 15 | 7 | 85. | 3 35 | 0.95 | 21 | 23 | 23 |
| November | 25.930 | 25.845 | 69.5 | 79.9 | 60.8 | 60. | .537 | .523 | 89 | 505 | 74 | 5 | 7.4 | 8 6 | 0. | 4 | 4 | 9 | 13 | 168.2 | 6.62 | 2.86 | 1 | 11 | 11 |
| December | 25.924 | 25.845 | 67.4 | 83 3 | 58.8 | 58 6 | .499 | .496 | .80 | 653 | 74 | 43 | 4.3 | 6.3 | 3 | 12 | 7 | 6 | 3 | 38 | .50 | 0.65 | 9 | 8 | 8 |
| Year | 25.953 | 25.879 | 68.2 | 81.2 | 59 9 | 59.7 | .523 | 520 | .72 | .563 | 76 | 50 | 6.9 | 8.3 | 8 | 74 | 42 | 138 | 103 | 1654.7 | 65 4 | 4.29 | Jan. | 168 | 182 |

@ At station levels corrected for Temperature and to standard gravity

| Month | Frequency of Wind Direction at 8 30h | | | | | | | | Calm | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | | 3 | 4-7 | >7 | h 8 30 | h 4.30 | Max. | Date | Min | Date | Mean Max. | Mean Min | Mean Max | Range Min | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F | | F. | | F | F | F | F | F | | | |
| January | 0 | 0 | 4 | 14 | | 1 | 0 | 1 | 0 | 27 | 4 | 0 | 6.9 | 0.5 | 92 6 | 31 | 56 0 | 5 | 89.2 | 60 0 | 74 6 | 35 8 | 8 3 | 29 2 | 0 | 2 | 29 |
| February | 2 | 0 | 0 | 14 | 7 | 3 | 1 | 1 | 0 | 2 | 7 | 0 | 8 | 11.9 | 97 5 | 24 | 56.9 | .5 | 92.9 | 60 4 | 76.7 | 37.6 | 6 3 | 32.5 | 0 | 1 | 27 |
| March | 2 | 1 | 0 | 15 | 1. | 0 | 0 | 2 | 0 | 9 | 12 | 0 | 0.7 | 13.2 | 95.9 | 3 | 60.0 | 25,26 | 89.3 | 62.3 | 75.8 | 34.3 | 15.1 | 27.0 | 0 | 2 | 29 |
| April | 7 | 0 | 3 | 4 | 13 | 0 | 0 | 3 | 0 | 28 | 2 | 0 | 5.8 | 0.7 | 93.5 | . | 60 7 | 27 | 82.9 | 63 4 | 73. | 32 5 | 12.0 | 19 5 | 0 | 0 | 30 |
| May | 1 | 1 | 7 | 13 | 6 | 0 | 0 | 3 | 0 | 30 | 1 | 0 | 6.3 | 7.8 | 84.4 | 13 | 60.2 | 21 | 8. 1 | 62.3 | 71.7 | 23.0 | 10.5 | 18.8 | 0 | 1 | 30 |
| June | 7 | 1 | 4 | 9 | 3 | 0 | 0 | 6 | 0 | 28 | 2 | 0 | 6.0 | 11.0 | 82.1 | 27 | 58.0 | 18 | 79.3 | 6..2 | 70.3 | 23.0 | 12 3 | 18.1 | 0 | 0 | 30 |
| July | 4 | 1 | 2 | 10 | 5 | 1 | 0 | 8 | 0 | 29 | 2 | 0 | 7.2 | 10.1 | 83.0 | 20 | 57.8 | 23 | 79.7 | 60.9 | 70.3 | 24.9 | 11.4 | 18.9 | 0 | 3 | 28 |
| August | 9 | 3 | 2 | 4 | 6 | 2 | 0 | 5 | 0 | 29 | 2 | 0 | 5.6 | 9.2 | 83.1 | 25 | 57.8 | 31 | 78.4 | 60.4 | 69.4 | 23.9 | 4.3 | 18.0 | 2 | 1 | 28 |
| September | 8 | 4 | 2 | 8 | 2 | 0 | 0 | 6 | 0 | 29 | 1 | 0 | 5.1 | 9.6 | 85.0 | 21 | 56 6 | 4 | 81.2 | 59.7 | 70.5 | 26.8 | 16.1 | 21.4 | 0 | 0 | 30 |
| October | 4 | 2 | 2 | 5 | 12 | 1 | 1 | 4 | 0 | 31 | 0 | 0 | 4.9 | 9.8 | 85.2 | 2,25 | 57.7 | 3 | 82.9 | 60.3 | 71.6 | 26.2 | 15.9 | 22.6 | 0 | 0 | 31 |
| November | 1 | 0 | 3 | 12 | 4 | 2 | 3 | 5 | 0 | 26 | 4 | 0 | 5.8 | 10.3 | 88.0 | 16,19 | 55.7 | 19 | 83.4 | 60.5 | 71.9 | 32.3 | 15.7 | 22.9 | 0 | 0 | 30 |
| December | 0 | 0 | 2 | 13 | 11 | 2 | 0 | 3 | 0 | 27 | 4 | 0 | 6.7 | 8.9 | 91.0 | 29 | 56.0 | 22,25 | 85.1 | 59.6 | 72.3 | 34.2 | 16.5 | 25.5 | 0 | 0 | 31 |
| Year | 45 | 13 | 31 | 121 | 91 | 12 | 5 | 47 | 0 | 324 | 41 | 0 | 6.6 | 10.3 | 97.5 | Feb. 24 | 55.7 | Nov. 19 | 83.8 | 60.9 | 72.3 | 37.6 | 4.3 | 22.9 | 2 | 10 | 353 |

BRITISH EAST AFRICAN METEOROLOGICAL SERVICE.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS

IN ZANZIBAR

FOR

1946.

LIBRARY
MAR 26 1948
WEATHER BUREAU

CONTENTS.

Chukwani
Kizimbani
Mwera
Victoria Gardens
Wete, Pemba

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT CHUKWANI PALACE ZANZIBAR, 1946.

Lat.: 6° 15'S Long.: 39° 13'E Alt.: 69. Ft. Standard Time 2h 45m East. Reference Number 96.39/03.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h 8.30 | h 14.30 | Dry Bulb 8.30 | Dry Bulb 14.30 | Dew Point 8.30 | Dew Point 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | Total mm. | Total ins. | Max. Fall in 24 hrs ins. | Date | Rain | Thunder. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | 29.846 | 29.737 | 82.2 | 90.1 | 74.3 | 74.3 | .856 | .856 | .254 | .573 | 77 | 60 | 6.5 | 5.5 | 0 | 2 | 13 | 16 | 0 | 5.6 | 0.23 | 0.19 | 12 | 3 | 4 |
| February | 29.825 | 29.707 | 81.2 | 92.2 | 73.4 | 74.8 | .830 | .871 | .242 | .650 | 77 | 57 | 7.1 | 5.1 | 0 | 0 | 8 | 19 | 1 | 2.3 | 0.09 | 0.09 | 27 | 1 | 2 |
| March | 29.816 | 29.701 | 82.8 | 91.9 | 75.2 | 77.0 | .880 | .936 | .251 | .576 | 78 | 62 | 6.5 | 5.4 | 0 | 1 | 13 | 16 | 1 | 30.7 | 1.21 | 0.65 | 1 | 7 | 6 |
| April | 29.855 | 29.755 | 80.7 | 86.5 | 77.0 | 77.4 | .933 | .948 | .127 | .328 | 88 | 74 | 6.8 | 6.2 | 0 | 1 | 11 | 15 | 3 | 233.7 | 9.20 | 2.22 | 9 | 19 | 14 |
| May | 29.929 | 29.837 | 78.2 | 82.7 | 74.8 | 74.3 | .868 | .856 | .107 | .275 | 89 | 76 | 6.6 | 5.9 | 0 | 3 | 12 | 11 | 5 | 372.6 | 14.67 | 3.24 | 5 | 12 | 0 |
| June | 30.002 | 29.914 | 76.7 | 82.9 | 72.0 | 71.4 | .788 | .774 | .136 | .363 | 85 | 68 | 5.9 | 4.9 | 0 | 4 | 13 | 12 | 1 | 0.3 | 0.01 | 0.01 | 26 | 1 | 0 |
| July | 30.002 | 29.923 | 74.9 | 82.1 | 70.5 | 69.8 | .753 | .735 | .118 | .369 | 86 | 67 | 6.0 | 5.2 | 0 | 1 | 16 | 10 | 2 | 5.8 | 0.23 | 0.13 | 26 | 5 | 0 |
| August | 30.005 | 29.911 | 76.0 | 82.8 | 71.4 | 69.8 | .774 | .732 | .130 | .399 | 86 | 65 | 5.9 | 5.3 | 0 | 3 | 14 | 14 | 0 | 30.7 | 1.21 | 0.84 | 14 | 9 | 0 |
| September | 29.985 | 29.884 | 76.3 | 82.8 | 72.0 | 71.1 | .791 | .768 | .122 | .363 | 87 | 68 | 6.9 | 5.9 | 0 | 0 | 10 | 18 | 2 | 94.5 | 3.72 | 1.35 | 22 | 21 | 1 |
| October | 29.917 | 29.802 | 78.7 | 85.1 | 74.1 | 73.8 | .850 | .839 | .136 | .378 | 86 | 69 | 6.7 | 5.0 | 0 | 0 | 16 | 14 | 1 | 107.9 | 4.25 | 2.32 | 26 | 13 | 2 |
| November | 29.846 | 29.734 | 81.7 | 86.2 | 76.1 | 77.2 | .907 | .942 | .183 | .319 | 83 | 75 | 6.0 | 5.6 | 0 | 1 | 22 | 6 | 1 | 175.3 | 6.90 | 3.15 | 12 | 11 | 7 |
| December | 29.810 | 29.710 | 82.7 | 87.4 | 77.2 | 76.5 | .942 | .921 | .189 | .390 | 83 | 70 | 6.2 | 5.3 | 0 | 0 | 21 | 10 | 0 | 97.0 | 3.82 | 1.86 | 8 | 18 | 9 |
| Year | 29.903 | 29.801 | 79.3 | 86.1 | 74.0 | 73.9 | .848 | .848 | .166 | .415 | 84 | 68 | 6.4 | 5.4 | 0 | 16 | 171 | 161 | 17 | 1156.6 | 45.54 | 3.24 | May 5 | 120 | 45 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | > | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 2 | 9 | 6 | 0 | 0 | 7 | 0 | 7 | 0 | 31 | 0 | 0 | 5.8 | 9.6 | 96.9 | 10 | 72.7 | 24 | 92.2 | 75.1 | 83.7 | 22.9 | 1..2 | 7.. | 0 | 0 | 31 |
| February | 15 | 9 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 28 | 0 | 0 | 6.3 | 10.3 | 98.7 | 20,22 | 73.1 | 8 | 94.4 | 75.. | 84.7 | 25.4 | 14.. | 19.3 | 0 | 0 | 28 |
| March | 8 | 14 | 3 | | 3 | 1 | 0 | 1 | 0 | 31 | 0 | 0 | 5.6 | 9.4 | 101.7 | 20 | 73.2 | 2 | 95.4 | 76.4 | 85.9 | 25.. | 11.7 | 19.0 | 0 | 0 | 31 |
| April | 1 | 0 | 2 | 0 | 3 | 24 | 0 | 0 | 0 | 24 | 6 | 0 | 9.2 | 8.7 | 97.8 | 7 | 73.0 | 10 | 88.6 | 77.3 | 82.9 | 20.0 | 5 6 | 1..3 | 0 | 0 | 30 |
| May | 0 | 1 | 1 | 1 | 5 | 23 | 0 | 0 | 0 | 22 | 9 | 0 | 10.7 | 1.9 | 87.0 | 24,25 | 71..5 | 20 | 83.9 | 75.5 | 79.7 | 12.2 | 2.3 | 6.5 | 0 | 2 | 29 |
| June | 0 | 0 | 0 | 0 | 2 | 27 | 1 | 0 | 0 | 6 | 24 | 0 | 15.0 | 13.6 | 88.0 | 2 | 70.3 | 11 | 84.. | 74.7 | 79.4 | 12.6 | 4.. | 9.4 | 0 | 0 | 30 |
| July | 0 | 0 | 0 | 0 | 2 | 28 | 1 | 0 | 0 | 15 | 16 | 0 | 13.2 | 13.9 | 86.0 | 31 | 70.9 | 25 | 83.3 | 73.2 | 78.3 | 14.4 | 5.2 | 10.1 | 0 | 0 | 31 |
| August | 0 | 0 | 0 | 0 | 6 | 22 | 0 | 1 | 0 | 25 | 6 | 0 | 10.5 | 14.8 | 86.5 | 30 | 69.0 | 25 | 83.7 | 73.0 | 78.3 | 16.5 | 7.8 | 10.7 | 0 | 0 | 31 |
| September | 0 | 0 | 0 | 10 | 5 | 14 | 1 | 0 | 0 | 25 | 5 | 0 | 9.6 | 14.8 | 87.5 | 3 | 70.0 | 8 | 84.4 | 71.7 | 78.1 | 15.2 | 3.0 | 12.7 | 0 | 0 | 30 |
| October | 0 | 0 | 6 | 6 | 4 | 7 | 7 | 1 | 0 | 26 | 3 | 0 | 7.2 | 10.5 | 96.7 | 24 | 69.9 | 15 | 87.1 | 72.3 | 79.7 | 24.5 | 8.8 | 14.7 | 0 | 0 | 31 |
| November | 3 | 6 | 7 | 3 | 1 | 2 | 7 | 1 | 0 | 30 | 0 | 0 | 4.7 | 6.3 | 92.1 | 2.. | 71.1 | 8 | 88.4 | 74.2 | 81..3 | 19.1 | 8.7 | 14.1 | 0 | 0 | 30 |
| December | 16 | 6 | 1 | 0 | 0 | 5 | 3 | 0 | 0 | 30 | 1 | 0 | 7.6 | 8.3 | 92.9 | 18 | 74.3 | 9 | 89.4 | 76.. | 82.7 | 16.7 | 5.0 | 13.3 | 0 | 0 | 31 |
| Year | 45 | 45 | 26 | 21 | 33 | 160 | 20 | 13 | 0 | 295 | 70 | 0 | 8.8 | 11.0 | [illegible].7 | Mar. 20 | 69.0 | Aug. 25 | 87.9 | 74.5 | 81.2 | 25.4 | 2.3 | 13.4 | 0 | 2 | 363 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KIZIMBANI, ZANZIBAR, 1946.

Lat.: 6° 05'S  Long.: 39° 16'E  Alt.: 220 feet  Standard Time 2h 45m East  Reference Number 96.39/1

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb h 8.30 | Temperature Dry Bulb h 14.30 | Temperature Dew Point h 8.30 | Temperature Dew Point h 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of Occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max. Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 81.1 | - | 73.2 | - | 0.824 | - | 0.248 | - | 76 | - | 5.3 | - | 0 | 8 | 11 | 12 | 0 | 93.6 | 0.14 | 0.06 | 2 | 3 | |
| February | - | - | 81.2 | - | 72.1 | - | 0.794 | - | 0.278 | - | 73 | - | 3.9 | - | 0 | 14 | 10 | 4 | 0 | 3.0 | 0.12 | 0.12 | 27 | 1 | |
| March | - | - | 83.3 | - | 73.6 | - | 0.836 | - | 0.313 | - | 72 | - | 3.9 | - | 0 | 16 | 12 | 3 | 0 | 56.1 | 2.21 | 0.87 | 1 | 5 | |
| April | - | - | 80.8 | - | 75.2 | - | 0.880 | - | 0.180 | - | 83 | - | 5.2 | - | 0 | 6 | 17 | 7 | 0 | 264.2 | 10.40 | 2.28 | 11 | 18 | |
| May | - | - | 79.4 | - | 73.0 | - | 0.82 | - | 0.189 | - | 81 | - | 4.6 | - | 0 | 10 | 14 | 7 | 0 | 280.2 | 11.03 | 3.50 | 16 | 13 | |
| June | - | - | 76.5 | - | 71. | - | 0.758 | - | 0.151 | - | 83 | - | 4.2 | - | 0 | 12 | 14 | 4 | 0 | 22.9 | 0.90 | 0.49 | 26 | 5 | |
| July | - | - | 74.9 | - | 70.5 | - | 0.753 | - | 0.118 | - | 85 | - | 3.6 | - | 0 | 17 | 11 | 1 | 2 | 41.4 | 1.63 | 0.63 | 19 | 10 | |
| August | - | - | 75.0 | - | 70.7 | - | 0.756 | - | 0.121 | - | 86 | - | 6.7 | - | 0 | 4 | 11 | 11 | 5 | 110.2 | 4.34 | 0.83 | 11 | 16 | |
| September | - | - | 76.6 | - | 71.4 | - | 0.774 | - | 0.151 | - | 83 | - | 6.4 | - | 0 | 1 | 15 | 14 | 0 | 117.6 | 4.63 | 1.24 | 20 | 22 | |
| October | - | - | 79.5 | - | 73.6 | - | 0.833 | - | 0.183 | - | 82 | - | 5.1 | - | 0 | 7 | 15 | 8 | 1 | 193.8 | 7.63 | 3.00 | 27 | 11 | |
| November | - | - | 81.2 | - | 73.9 | - | 0.845 | - | 0.227 | - | 78 | - | 5.6 | - | 0 | 2 | 22 | 5 | 1 | 164.1 | 6.46 | 3.29 | 12 | 13 | |
| December | - | - | 81.4 | - | 75.2 | - | 0.880 | - | 0.198 | - | 81 | - | 5.6 | - | 0 | 2 | 20 | 9 | 0 | 188.2 | 7.41 | 2.84 | 9 | 14 | |
| Year | | | 79.2 | | 72.8 | | 0.814 | | 0.196 | | 80 | | 5.1 | | 0 | 99 | 172 | 85 | 9 | 1445.3 | 56.90 | 3.50 | May 16 | 131 | |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 4.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F | | F | | F. | F. | F. | F. | F. | F. | | | |
| January | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 2 | 29 | 0 | 0 | | | 90.0 | 6 | 65.0 | 30 | 87.4 | 72.2 | 79.8 | 23.0 | 10.5 | 15.2 | | | |
| February | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 6 | 22 | 0 | 0 | | | 94.8 | 27 | 70.0 | 3 | 88.1 | 72.6 | 80.3 | 21.3 | 7.4 | 14.4 | | | |
| March | 11 | 5 | 0 | 1 | 2 | 1 | 0 | 7 | 4 | 27 | 0 | 0 | | | 92.8 | 22 | 71.2 | 18 | 90.1 | 73.5 | 81.9 | 20.8 | 11.1 | 16.5 | | | |
| April | 0 | 0 | 0 | 5 | 13 | 7 | 0 | 1 | 4 | 26 | 0 | 0 | | | 90.7 | 7 | 71.5 | 10 | 86.2 | 73.9 | 80.1 | 17.1 | 7.8 | 12.3 | | | |
| May | 2 | 1 | 0 | 11 | 10 | 5 | 0 | 0 | 2 | 29 | 0 | 0 | | | 89.0 | 27 | 69.8 | 17 | 84.4 | 72.3 | 78.3 | 16.6 | 5.4 | 12.2 | | | |
| June | 2 | 0 | 0 | 6 | 11 | 10 | 0 | 0 | 1 | 29 | 0 | 0 | | | 86.8 | 13 | 68.8 | 29 | 82.9 | 71.0 | 76.9 | 16.7 | 9.0 | 12.0 | | | |
| July | 0 | 0 | 0 | 3 | 25 | 2 | 0 | 0 | 1 | 30 | 0 | 0 | | | 83.5 | 18,19 | 68.0 | 4 | 81.9 | 72.9 | 77.4 | 14.5 | 5.8 | 9.0 | | | |
| August | 0 | 0 | 0 | 3 | 19 | 3 | 0 | 0 | 6 | 25 | 0 | 0 | | | 85.0 | 30 | 68.3 | 5 | 81.7 | 72.7 | 77.2 | 14.0 | 5.9 | 8.9 | | | |
| September | 1 | 1 | 2 | 5 | 17 | 0 | 0 | 0 | 4 | 26 | 0 | 0 | | | 85.0 | 17 | 65.0 | 9 | 81.8 | 69.5 | 75.7 | 16.5 | 6.0 | 12.6 | | | |
| October | 1 | 6 | 1 | 14 | 4 | 0 | 0 | 0 | 5 | 26 | 0 | 0 | | | 86.0 | 6 | 66.0 | 8,10 | 83.4 | 70.5 | 76.9 | 19.0 | 4.9 | 13.3 | | | |
| November | 7 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | | | 88.1 | 23 | 67.0 | 2 | 85.8 | 71.3 | 78.5 | 20.0 | 8.5 | 14.7 | | | |
| December | 24 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 5 | 26 | 0 | 0 | | | 89.0 | 5,11,19 | 70.8 | 11 | 86.4 | 73.9 | 80.1 | 18.2 | 9.0 | 12.2 | | | |
| Year | 79 | 18 | 6 | 50 | 103 | 28 | 0 | 24 | 57 | 308 | 0 | 0 | | | 94.8 | Feb. 27 | 62.0 | Jan30 Sept9 | 85.1 | 72.2 | 78.6 | 18.1 | 7.6 | 12.9 | | | |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MWERA, ZANZIBAR, 1946.

Lat.: 6° 09'S Long.: 39° 16'E Alt.: 80 feet Standard Time 2h 45m East Reference Number 96.39/21.

| Month | Atmospheric Pressure @ h 8.30 | Atmospheric Pressure @ h 14.30 | Temperature Dry Bulb 8.30 | Temperature Dry Bulb 14.30 | Temperature Dew Point 8.30 | Temperature Dew Point 14.30 | Vapour Pressure h 8.30 | Vapour Pressure h 14.30 | Saturation Deficit h 8.30 | Saturation Deficit h 14.30 | Relative Humidity h 8.30 | Relative Humidity h 14.30 | Total Cloud Amt. h 8.30 | Total Cloud Amt. h 14.30 | Number of occasions at 8.30h of Cloud Amounts 0 | 1-3 | 4-6 | 7-9 | 10 | Rainfall Total mm. | Rainfall Total ins. | Rainfall Max.Fall in 24hrs ins. | Rainfall Date | Number of Days of Rain | Number of Days of Thunder. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 83.4 | - | 72.3 | - | 0.797 | - | 0.357 | - | 68 | - | 5.4 | - | 0 | 9 | 10 | 12 | 0 | 0.5 | 0.02 | 0.02 | 17 | 1 | - |
| February | - | - | 82.1 | - | 75.4 | - | 0.886 | - | 0.219 | - | 80 | - | 4.3 | - | 0 | 10 | 15 | 3 | 0 | 3.8 | 0.15 | 0.15 | 27 | 1 | - |
| March | - | - | 80.4 | - | 75.4 | - | 0.883 | - | 0.165 | - | 84 | - | 4.3 | - | 0 | 9 | 19 | 3 | 0 | 70.6 | 2.78 | 1.51 | 29 | 5 | - |
| April | - | - | 81.3 | - | 76.3 | - | 0.910 | - | 0.168 | - | 85 | - | 2.0 | - | 0 | 27 | 2 | 1 | 0 | 466.6 | 18.37 | 3.20 | 11 | 23 | - |
| May | - | - | 79.5 | - | 74.1 | - | 0.848 | - | 0.168 | - | 83 | - | 2.0 | - | 0 | 30 | 1 | 0 | 0 | 327.4 | 12.89 | 4.00 | 18 | 13 | - |
| June | - | - | 83.2 | - | 76.3 | - | 0.913 | - | 0.230 | - | 79 | - | 2.9 | - | 0 | 16 | 14 | 0 | 0 | 109.2 | 4.30 | 4.00 | 26 | 2 | - |
| July | - | - | 78.1 | - | 74.1 | - | 0.850 | - | 0.118 | - | 87 | - | 7.3 | - | 0 | 0 | 8 | 23 | 0 | 29.7 | 1.17 | 0.23 | 25 | 13 | - |
| August | - | - | 78.0 | - | 71.2 | - | 0.771 | - | 0.198 | - | 80 | - | 6.6 | - | 0 | 2 | 9 | 20 | 0 | 64.8 | 2.55 | 0.68 | 14 | 12 | - |
| September | - | - | 78.7 | - | 70.5 | - | 0.753 | - | 0.233 | - | 76 | - | 7.2 | - | 0 | 0 | 7 | 23 | 0 | 108.2 | 4.26 | 0.72 | 17 | 16 | - |
| October | - | - | 79.8 | - | 71.8 | - | 0.786 | - | 0.242 | - | 77 | - | 7.2 | - | 0 | 0 | 7 | 24 | 0 | 233.5 | 9.19 | 2.30 | 26 | 13 | - |
| November | - | - | 80.0 | - | 70.5 | - | 0.750 | - | 0.284 | - | 72 | - | 6.7 | - | 0 | 0 | 11 | 19 | 0 | 201.2 | 7.92 | 2.02 | 26 | 11 | - |
| December | - | - | 79.6 | - | 69.4 | - | 0.726 | - | 0.289 | - | 71 | - | 6.4 | - | 0 | 0 | 15 | 16 | 0 | 197.4 | 7.77 | 2.76 | 9 | 12 | - |
| Year | - | - | 80.3 | - | 73.1 | - | 0.823 | | 0.223 | - | 79 | - | 5.2 | - | 0 | 103 | 118 | 144 | 0 | 1812.9 | 71.37 | 4.00 | (1) | 122 | - |

@ At station level: corrected for temperature and to standard gravity. (1) Several dates:- 18th May and 26th June, 1946.

| Month | Frequency of Wind Direction at 8.30h. N | NE | E | SE | S | SW | W | NW | Calm | Frequency of Wind Force at 8.30h 1-3 | 4-7 | >7 | Mean Wind Velocity h 8.30 | h 14.30 | Extremes of Temperature of the Air. Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Frequency of Visibility at 8.30 Fog | Mist | Good Vis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | - | - | - | - | - | - | - | - | 0 | 27 | 4 | 0 | - | - | 92.0 | 9,13,14 | - | - | 89.9 | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | 0 | 19 | 9 | 0 | - | - | 96.0 | 27 | - | - | 86.3 | - | - | - | - | - | - | - | - |
| March | - | - | - | - | - | - | - | - | 0 | 31 | 0 | 0 | - | - | 96.0 | 29 | 75.0 | 20,30,31 | 89.3 | 77.2 | 83.3 | 19.0 | 6.0 | 11.7 | - | - | - |
| April | - | - | - | - | - | - | - | - | 0 | 29 | 1 | 0 | - | - | 93.0 | 17,23 | 70.0 | 6 | 88.7 | 77.1 | 82.9 | 17.8 | 6.0 | 11.3 | - | - | - |
| May | - | - | - | - | - | - | - | - | 0 | 31 | 0 | 0 | - | - | 91.0 | 30 | - | - | 83.3 | - | - | - | - | - | - | - | - |
| June | - | - | - | - | - | - | - | - | 0 | 30 | 0 | 0 | - | - | 91.2 | 1 | - | - | 83.2 | - | - | - | - | - | - | - | - |
| July | - | - | - | - | - | - | - | - | 0 | 21 | 10 | 0 | - | - | 85.0 | 19 | 67.0 | 28,29 | 82.2 | 74.8 | 78.5 | 16.0 | 3.0 | 7.1 | - | - | - |
| August | - | - | - | - | - | - | - | - | 0 | 29 | 2 | 0 | - | - | 88.0 | 27 | 66.0 | 5,12,21 | 83.2 | 69.8 | 76.5 | 17.0 | 6.0 | 13.2 | - | - | - |
| September | - | - | - | - | - | - | - | - | 0 | 27 | 3 | 0 | - | - | 90.0 | 2 | - | - | 83.5 | - | - | - | - | - | - | - | - |
| October | - | - | - | - | - | - | - | - | 0 | 30 | 1 | 0 | - | - | 89.0 | 2 | - | - | 84.3 | - | - | - | - | - | - | - | - |
| November | - | - | - | - | - | - | - | - | 0 | 23 | 7 | 0 | - | - | 90.0 | 6 | - | - | 85.7 | - | - | - | - | - | - | - | - |
| December | - | - | - | - | - | - | - | - | 0 | 18 | 13 | 0 | - | - | 89.0 | 12 | - | - | 85.3 | - | - | - | - | - | - | - | - |
| Year | - | - | - | - | - | - | - | - | 0 | 315 | 50 | 0 | - | - | 96.0 | Feb27 Mar29 | - | - | 85.4 | - | - | - | - | - | - | - | - |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT VICTORIA GARDENS ZANZIBAR, 1946.

Lat.: 6° 10'S  Long.: 39° 11'E  Alt.: 16ft.  Standard Time 2h 45m East  Reference Number 96.39/12.

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | h | Dry Bulb | | Dew Point | | h | h | h | h | h | h | h | h | | | | | | Total | | Max. Fall | | | |
| | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24 hrs | Date | Rain | Thun der. |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | ins. | | | |
| January | -- | -- | 81.4 | 88.4 | 74.7 | 73.2 | .865 | .827 | .213 | .523 | 80 | 61 | 6.5 | 4.2 | 0 | 6 | 6 | 16 | 3 | 4.1 | 0.16 | 0.05 | 2 | 5 | 0 |
| February | -- | -- | 81.1 | 89.3 | 73.8 | 72.3 | .839 | .800 | .233 | .568 | 78 | 58 | 6.1 | 2.9 | 0 | 6 | 9 | 10 | 3 | 5.6 | 0.22 | 0.20 | 27 | 2 | 0 |
| March | -- | -- | 83.4 | 89.7 | 75.4 | 74.5 | .886 | .859 | .269 | .553 | 77 | 61 | 6.0 | 4.0 | 0 | 10 | 5 | 13 | 3 | 19.3 | 0.76 | 0.26 | 27 | 6 | 0 |
| April | -- | -- | 81.5 | 86.2 | 76.8 | 76.8 | .930 | .927 | .154 | .334 | 86 | 74 | 7.5 | 6.7 | 0 | 2 | 6 | 18 | 4 | 258.3 | 10.17 | 2.90 | 13 | 19 | 0 |
| May | -- | -- | 79.3 | 83.1 | 74.3 | 74.5 | .856 | .859 | .154 | .284 | 85 | 75 | 6.7 | 5.7 | 0 | 7 | 2 | 17 | 5 | 322.3 | 12.69 | 3.85 | 18 | 13 | 0 |
| June | -- | -- | 77.3 | 84.2 | 72.3 | 70.7 | .800 | .759 | .148 | .425 | 84 | 64 | 6.0 | 4.6 | 0 | 7 | 5 | 16 | 2 | 1.3 | 0.05 | 0.05 | 26 | 1 | 0 |
| July | -- | -- | 75.6 | 83.1 | 71.1 | 70.0 | .765 | .738 | .127 | .405 | 86 | 65 | 5.9 | 5.1 | 0 | 11 | 3 | 17 | 0 | 15.2 | 0.60 | 0.30 | 29 | 6 | 0 |
| August | -- | -- | 76.1 | 83.8 | 71.6 | 69.8 | .780 | .735 | .127 | .434 | 86 | 63 | 7.4 | 6.2 | 0 | 1 | 5 | 24 | 1 | 42.4 | 1.67 | 0.58 | 14 | 14 | 0 |
| September | -- | -- | 77.1 | 83.0 | 72.1 | 71.1 | .794 | .768 | .148 | .369 | 84 | 68 | 7.1 | 5.9 | 0 | 5 | 7 | 12 | 6 | 143.3 | 5.64 | 0.97 | 17 | 20 | 0 |
| October | -- | -- | 78.6 | 83.1 | 73.0 | 72.9 | .821 | .815 | .165 | .328 | 83 | 74 | 6.6 | 5.2 | 0 | 6 | 8 | 13 | 4 | 211.6 | 8.33 | 2.89 | 23 | 14 | 0 |
| November | -- | -- | 82.0 | 84.7 | 75.7 | 75.2 | .895 | .880 | .209 | .325 | 81 | 74 | 5.3 | 5.1 | 0 | 10 | 8 | 11 | 1 | 222.2 | 8.75 | 2.82 | 12 | 14 | 0 |
| December | -- | -- | 83.1 | 87.7 | 76.3 | 74.7 | .913 | .865 | .230 | .455 | 80 | 66 | 6.1 | 4.2 | 0 | 7 | 7 | 17 | 0 | 84.1 | 3.31 | 0.98 | 9 | 12 | 0 |
| Year | | | 79.7 | 85.5 | 73.9 | 73.0 | .845 | .819 | .181 | .419 | 83 | 67 | 6.4 | 5.0 | 0 | 78 | 71 | 184 | 32 | 1329.7 | 52.35 | 3.85 | May 18 | 126 | 0 |

@ At Station level: corrected for Temperature and to Standard Gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | -- | -- | -- | -- | -- | -- | -- | -- | 5 | 26 | 0 | 0 | 4.5 | 8.7 | 92.5 | 5 | 74.0 | 26 | 90.0 | 76.4 | 83.2 | 16.3 | 9.6 | 13.6 | 0 | 0 | 31 |
| February | -- | -- | -- | -- | -- | -- | -- | -- | 4 | 24 | 0 | 0 | 4.7 | 9.4 | 93.4 | 21 | 73.8 | 18 | 90.9 | 76.1 | 83.5 | 18.0 | 12.0 | 14.7 | 0 | 0 | 28 |
| March | -- | -- | -- | -- | -- | -- | -- | -- | 10 | 21 | 0 | 0 | 3.6 | 7.8 | 100.0 | 27 | 74.2 | 2 | 92.1 | 76.7 | 84.4 | 24.0 | 9.3 | 15.4 | 0 | 0 | 31 |
| April | -- | -- | -- | -- | -- | -- | -- | -- | 13 | 7 | 0 | 0 | 2.2 | 3.[illegible] | 93.0 | 2,6 | 73.4 | 10 | 88.[illegible] | 76.8 | 82.5 | 17.0 | 6.3 | 11.4 | 0 | 0 | 30 |
| May | -- | -- | -- | -- | -- | -- | -- | -- | 19 | 11 | 1 | 0 | 2.2 | 3.4 | 88.8 | 10 | 71.6 | 20 | 85.1 | 74.9 | 80.0 | 14.9 | 2.4 | 10.2 | 0 | 1 | 30 |
| June | -- | -- | -- | -- | -- | -- | -- | -- | 9 | 20 | 1 | 0 | 4.5 | 7.4 | 87.0 | 4,5,6 | 72.0 | 3 | 85.2 | 74.7 | 79.9 | 14.0 | 8.0 | 10.5 | 0 | 0 | 30 |
| July | -- | -- | -- | -- | -- | -- | -- | -- | 9 | 21 | 1 | 0 | 4.3 | 6.9 | 85.7 | 4,19 | 69.5 | 17 | 84.2 | 72.1 | 78.1 | 15.5 | 7.8 | 12.2 | 0 | 0 | 31 |
| August | -- | -- | -- | -- | -- | -- | -- | -- | 16 | 13 | 0 | 0 | 1.6 | 6.0 | 87.6 | 30 | 68.5 | 25 | 85.1 | 72.0 | 78.5 | 18.6 | 8.6 | 13.1 | 0 | 0 | 31 |
| September | -- | -- | -- | -- | -- | -- | -- | -- | 16 | 14 | 0 | 0 | 2.7 | 5.1 | 89.0 | 14 | 68.4 | 10 | 84.8 | 70.8 | 77.8 | 20.0 | 3.2 | 14.0 | 0 | 0 | 30 |
| October | -- | -- | -- | -- | -- | -- | -- | -- | 18 | 13 | 0 | 0 | 1.8 | 4.9 | 89.2 | 21 | 68.3 | 15 | 85.2 | 71.2 | 78.2 | 17.9 | 5.4 | 13.9 | 0 | 0 | 31 |
| November | -- | -- | -- | -- | -- | -- | -- | -- | 16 | 14 | 0 | 0 | 2.7 | 4.0 | 91.0 | 22,23 | 70.4 | 2,8 | 87.1 | 73.6 | 80.3 | 17.6 | 10.2 | 13.5 | 0 | 0 | 30 |
| December | -- | -- | -- | -- | -- | -- | -- | -- | 8 | 23 | 0 | 0 | 4.7 | 7.4 | 91.7 | 6 | 73.0 | 11 | 89.2 | 76.4 | 82.8 | 18.0 | 6.5 | 12.8 | 0 | 0 | 31 |
| Year | | | | | | | | | 145 | 217 | 3 | 0 | 3.3 | 6.2 | 100.0 | Mar. 27 | 68.3 | Oct. 15 | 87.3 | 74.3 | 80.8 | 24.0 | 2.4 | 12.9 | 0 | 1 | 364 |

# SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WETE, PEMBA 1946.

Lat.: 5° 04'S  Long.: 39° 43'E  Alt.: 60 feet  Standard Time 2h 45m East.  Reference Number 95.39/01

| Month | Atmospheric Pressure @ | | Temperature | | | | Vapour Pressure | | Saturation Deficit | | Relative Humidity | | Total Cloud Amt. | | Number of Occasions at 8.30h of Cloud Amounts | | | | | Rainfall | | | | Number of Days of | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dry Bulb | | Dew Point | | | | | | | | | | | | | | | Total | | Max. Fall | | Rain | Thunder. |
| | h 8.30 | h 14.30 | 8.30 | 14.30 | 8.30 | 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | h 8.30 | h 14.30 | 0 | 1-3 | 4-6 | 7-9 | 10 | mm. | ins. | in 24hrs. ins. | Date | | |
| | ins. | ins. | F. | F. | F. | F. | ins. | ins. | ins. | ins. | % | % | | | | | | | | | | | | | |
| January | - | - | 81.9 | - | 72.7 | - | .809 | - | .290 | - | 74 | - | 8.2 | - | 0 | 0 | 3 | 25 | 3 | 9.9 | 0.39 | 0.34 | 11 | 3 | 0 |
| February | - | - | 81.3 | - | 72.1 | - | .794 | - | .284 | - | 74 | - | 8.5 | - | 0 | 0 | 3 | 21 | 4 | 1.5 | 0.06 | 0.03 | 27 | 3 | 0 |
| March | - | - | 84.1 | - | 73.2 | - | .827 | - | .348 | - | 70 | - | 7.5 | - | 0 | 3 | 4 | 21 | 3 | 27.9 | 1.10 | 0.56 | 29 | 4 | 2 |
| April | - | - | 82.6 | - | 75.9 | - | .904 | - | .216 | - | 81 | - | 7.2 | - | 0 | 1 | 10 | 18 | 1 | 399.5 | 15.73 | 2.20 | 11 | 22 | 0 |
| May | - | - | 79.9 | - | 73.6 | - | .836 | - | .192 | - | 84 | - | 6.9 | - | 0 | 0 | 15 | 9 | 7 | 590.0 | 23.23 | 7.68 | 16 | 18 | 0 |
| June | - | - | 78.7 | - | 72.3 | - | .800 | - | .186 | - | 81 | - | 7.0 | - | 0 | 2 | 8 | 16 | 4 | 55.4 | 2.18 | 0.95 | 27 | 15 | 0 |
| July | - | - | 77.2 | - | 71.4 | - | .774 | - | .168 | - | 82 | - | 6.6 | - | 0 | 5 | 8 | 15 | 3 | 29.7 | 1.17 | 0.25 | 21 | 15 | 0 |
| August | - | - | 77.6 | - | 71.2 | - | .771 | - | .183 | - | 81 | - | 6.3 | - | 0 | 3 | 13 | 12 | 3 | 54.1 | 2.13 | 0.41 | 6 | 14 | 0 |
| September | - | - | 78.7 | - | 71.6 | - | .780 | - | .206 | - | 79 | - | 6.6 | - | 0 | 3 | 11 | 11 | 5 | 176.0 | 6.93 | 3.58 | 22 | 14 | 0 |
| October | - | - | 80.1 | - | 72.7 | - | .812 | - | .222 | - | 79 | - | 7.1 | - | 0 | 0 | 9 | 18 | 4 | 142.2 | 5.60 | 2.35 | 27 | 13 | 0 |
| November | - | - | 83.2 | - | 75.2 | - | .883 | - | .260 | - | 77 | - | 5.3 | - | 0 | 5 | 14 | 11 | 0 | 205.2 | 8.08 | 1.32 | 26 | 18 | 0 |
| December | - | - | 83.4 | - | 76.1 | - | .910 | - | .245 | - | 79 | - | 6.5 | - | 0 | 1 | 15 | 13 | 2 | 52.6 | 2.07 | 0.61 | 5 | 10 | 0 |
| Year | - | - | 80.7 | - | 73.2 | - | .825 | - | .233 | - | 78 | - | 7.0 | - | 0 | 23 | 113 | 190 | 39 | 1744.0 | 68.67 | 7.68 | May 16 | 149 | 2 |

@ At station level: corrected for Temperature and to standard gravity.

| Month | Frequency of Wind Direction at 8.30h | | | | | | | | | Frequency of Wind Force at 8.30h | | | Mean Wind Velocity | | Extremes of Temperature of the Air. | | | | | | | | | Frequency of Visibility at 8.30 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | NE | E | SE | S | SW | W | NW | Calm | 1-3 | 4-7 | >7 | h 8.30 | h 14.30 | Max. | Date | Min. | Date | Mean Max. | Mean Min. | ½ Max + Min | Range Max. | Range Min. | Range Mean | Fog | Mist | Good Vis. |
| | | | | | | | | | | | | | m.p.h. | m.p.h. | F. | | F. | | F. | F. | F. | F. | F. | F. | | | |
| January | 28 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 29 | 2 | 0 | 7.4 | - | 89.0 | often | 69.5 | 28 | 87.0 | 74.6 | 80.8 | 17.3 | 7.3 | 12.4 | 0 | 5 | 26 |
| February | 20 | 2 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 23 | 4 | 0 | 8.9 | - | 90.7 | 27 | 70.9 | 10 | 88.0 | 74.0 | 81.0 | 19.5 | 7.0 | 14.1 | 0 | 8 | 20 |
| March | 14 | 5 | 6 | 0 | 1 | 0 | 3 | 2 | 0 | 18 | 13 | 0 | 10.5 | - | 92.8 | 26 | 72.3 | 2 | 89.8 | 75.1 | 82.5 | 19.8 | 7.5 | 14.7 | 0 | 5 | 26 |
| April | 0 | 1 | 4 | 10 | 8 | 1 | 1 | 0 | 5 | 22 | 3 | 0 | 5.1 | - | 92.0 | 6 | 73.5 | 24 | 87.3 | 75.4 | 81.3 | 17.0 | 7.0 | 11.9 | 0 | 5 | 25 |
| May | 1 | 0 | 1 | 17 | 7 | 2 | 0 | 0 | 3 | 28 | 0 | 0 | 4.5 | - | 88.0 | 9,12 | 69.5 | 19 | 83.8 | 73.2 | 78.5 | 15.1 | 1.3 | 10.7 | 0 | 8 | 23 |
| June | 0 | 0 | 1 | 18 | 11 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 5.1 | - | 85.2 | 6 | 68.2 | 29 | 82.4 | 72.4 | 77.4 | 14.0 | 5.5 | 10.0 | 0 | 13 | 17 |
| July | 0 | 0 | 0 | 12 | 10 | 2 | 0 | 0 | 7 | 24 | 0 | 0 | 3.4 | - | 84.0 | 20,28 | 67.9 | 2 | 81.8 | 70.8 | 76.3 | 14.5 | 4.0 | 11.1 | 0 | 11 | 20 |
| August | 0 | 0 | 0 | 17 | 7 | 0 | 0 | 0 | 7 | 24 | 0 | 0 | 2.7 | - | 84.0 | often | 67.0 | 1 | 82.4 | 69.9 | 76.1 | 15.4 | 8.0 | 12.5 | 0 | 10 | 21 |
| September | 0 | 0 | 0 | 12 | 7 | 2 | 0 | 0 | 9 | 21 | 0 | 0 | 2.9 | - | 85.7 | 17 | 67.0 | 1 | 83.5 | 69.4 | 76.5 | 17.2 | 9.0 | 14.1 | 0 | 8 | 22 |
| October | 1 | 0 | 4 | 14 | 2 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 2.0 | - | 86.2 | 17 | 67.5 | 15 | 84.4 | 70.4 | 77.4 | 16.8 | 5.2 | 13.9 | 0 | 5 | 26 |
| November | 0 | 15 | 6 | 6 | 1 | 0 | 0 | 0 | 2 | 28 | 0 | 0 | 2.7 | - | 90.0 | 4 | 69.7 | 2 | 87.0 | 73.2 | 80.1 | 18.7 | 8.5 | 13.8 | 0 | 1 | 29 |
| December | 5 | 17 | 4 | 2 | 0 | 1 | 0 | 0 | 2 | 27 | 2 | 0 | 4.3 | - | 88.7 | 2,26 | 73.8 | 11 | 87.3 | 75.5 | 81.4 | 13.5 | 9.0 | 11.8 | 0 | 3 | 28 |
| Year | 69 | 40 | 28 | 108 | 55 | 8 | 7 | 4 | 46 | 293 | 26 | 0 | 5.0 | - | 92.8 | March 26 | 67.0 | Aug.1 Sept.1 | 85.4 | 72.8 | 79.1 | 19.8 | 1.3 | 12.6 | 0 | 82 | 283 |